

Data Validation Checklist
Semivolatile Organic Analyses

Project: 35TH Avenue Superfund Site
 Laboratory: TestAmerica - Savannah, GA
 Method: SW-846 8270D (TCL SVOC) & 8082A (PCBs)
 Matrix: Soil
 Reviewer: Nicole Lancaster
 Concurrence²: Martha Meyers-Lee

Project No: 15268508.20000
 Job ID.: 680-85585-4
 Associated Samples: Refer to Attachment A (Sample Summary)
 Samples Collected: 12/06/2012
 Date: 02/25/2013
 Date: 03/01/2013

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
1. Were sample storage and preservation requirements met? If temperature >6°C, then J/UJ-flag results.	✓				
2. Were all COC records signed and integrity seals intact, indicating that COC was maintained for all samples?	✓				
3. Were there any problems noted in laboratory data package concerning condition of samples upon receipt?		✓			
4. Do any soil samples contain more than 50% water? If yes, then results are to be reported on a wet-weight basis.		✓			
5. Were holding times met (\leq 7 and 14 days from collection to extraction for aqueous and solid samples, respectively; \leq 40 days from extraction to analysis)? If not, then J/UJ-flag sample results. If grossly (2x) exceeded, then flag J/R.	✓				
6. Were results for all project-specified target analytes reported?	✓				
7. Were project-specified Reporting Limits achieved for undiluted sample analyses?	✓				
8. Were samples with analyte concentrations exceeding the calibration range of the instrument re-analyzed at a higher dilution? If not, then J-flag sample result.	✓			Sample HP0070 (special sample) (680-85585-36) was reanalyzed for PCBs at a 10-fold dilution. All results from the undiluted and diluted analyses were reported by the laboratory. Analyte concentrations that are greater than the calibration range of the instrument, which are presented in the laboratory report with an E-flag, are not as accurate as those results obtained from a more diluted analysis and fall within the calibration range of the instrument. Less accurate sample results (i.e., E-flagged and over-diluted sample results) have been R-flagged.	

² Independent technical reviewer

Data Validation Checklist (Continued)

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
9. Was a method blank extracted with each batch (i.e., one per 20 samples, per batch, per matrix and per level)?	✓				
10. Were target analytes detected in the method blank?		✓			
11. Were target analytes detected in equipment/rinsate blanks?		✓		Rinsate blank 120412-RB-Bowls+Spoons (680-85402-21) was analyzed for PAHs only, and target analytes were not detected.	
12. Are equipment/rinsate blanks associated with every sample? If no, note in DV report.		✓		According to the QAPP, a rinsate blank is to be collected after each decontamination event, which occurs once per week per the client. A rinsate blank (120412-RB-Bowls + Spoons) was collected during the week of 12/3/12. The rinsate blank was analyzed for PAHs and RCRA metals only (refer to Test America Job IDs 680-85402-2 and 680-85402-3, respectively). The rinsate blank was not analyzed for TCL SVOC or PCBs.	
13. Were analytes detected in samples below the blank contamination action level? If yes, U-flag positive sample results <5x associated blank concentration (10x for common blank contaminants – phthalates)			✓	Blank contamination does not exist.	
14. Is a field duplicate associated with this Job?		✓			
15. Was precision deemed acceptable as defined by the project plans?			✓		
16. Were DFTPP ion abundance criteria (i.e., Table 3 of SW-846 8270C) met? If no, professional judgment may be applied to determine to what extent the data may be utilized.	✓			Alternate tuning criteria were used by the laboratory (i.e., EPA Method 525.2). All ion abundance criteria were met per EPA Method 525.2. The laboratory was notified on 2/4/2013 that Form V was incomplete, as the ICV was not listed (refer to page 28 of the data package). A revised Form V was received from the laboratory on 2/26/2013 (refer to Attachment B).	
17. Were samples analyzed within 12 hours of the DFTPP tune? If no, professional judgment may be applied to determine to what extent the data may be utilized.	✓				
18. Were initial and continuing calibration standards analyzed at the proper frequency for each instrument? • Ensure that a minimum of five standards are used for the initial calibration. If no, use professional judgment to	✓			<ul style="list-style-type: none"> • 8270D: <ul style="list-style-type: none"> ◦ Instrument ID: MSG5973 ◦ Initial Calibration: 12/18/2012 ◦ ICV: 12/18/12 @ 14:47 (Associated ICV 	

Data Validation Checklist (Continued)

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
<p>determine the effect on the data and note in the reviewer narrative.</p> <ul style="list-style-type: none"> • An initial calibration is to be associated with each sample analysis. • A continuing calibration standard is to be analyzed for every 12 hours of sample analysis per instrument. 				<p>provided by the laboratory on 2/12/2013, refer to Attachment B)</p> <ul style="list-style-type: none"> ◦ CCV: 12/20/12 @ 15:30 and 12/21/12 @ 07:32 • 8082A <ul style="list-style-type: none"> ◦ Instrument ID: SGJ ◦ Initial Calibration: 11/16/2012 (6-point curve for 1016/1260 and single point for all others on Columns 1 and 2) ◦ Instrument ID: SGJ ◦ Initial Calibration: 11/21/2012 (curve for 1221/1254 on Columns 1 and 2). Revised calibration data was provided by the laboratory on 2/22/2013 (Refer to Attachment B). ◦ ICV: 11/21/2012 @ 19:55 (680-257447/14) ◦ CCV: <ul style="list-style-type: none"> ◦ 12/19/12 @ 12:44 (1016/1260) ◦ 12/19/12 @ 22:11 (1016/1260) ◦ Instrument ID: SGZ ◦ Initial Calibration: 12/18/12 (6-point curve for 1016/1260 and single point for all others on Columns 1 and 2) ◦ ICV: 12/18/12 @ 04:57 (680-260421/17) ◦ CCV: 12/18/12 @ 11:44 (1016/1260) 	
<p>19. Were calibration results within laboratory/project specifications?</p> <p>8270D</p> <ul style="list-style-type: none"> • ICAL (Criteria: ≤ 15 mean %RSD with no individual CCC %RSD ≤ 30 ($\leq 50\%$ for poor performers), OR $r \geq 0.995$, OR $r^2 \geq 0.99$, and RRF ≥ 0.050 (≥ 0.010 for poor performers)): <ul style="list-style-type: none"> ◦ If %RSD > 15 ($> 50\%$ for poor performers), or $r < 0.995$, or $r^2 < 0.995$, then J-flag positive results and UJ-flag non-detects ◦ If mean RRF < 0.050 (< 0.010 for poor performers), then J-flag positive results and R-flag non-detects • ICV and CCV (Criteria: $\leq 20\%$ D ($\leq 50\%$ for poor 	✓			<ul style="list-style-type: none"> • 8270D (associated sample HP0070 (special sample) (680-85585-36)): <ul style="list-style-type: none"> ◦ ICAL of 12/18/12, instrument MSG5973: <ul style="list-style-type: none"> ▪ Benzaldehyde @ 38.2 %RSD (Lab: ≤ 20, Project: ≤ 50). Qualification of sample results is not warranted, as the analyte is a poor performer and the relative standard deviation (%RSD) between calibration response factors is less than 50. ▪ Atrazine @ 55.9%RSD (Lab: ≤ 20, Project: ≤ 50). UJ-Flag result. ◦ ICV of 12/18/12 @ 14:47 	UJ

Data Validation Checklist (Continued)

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
performers) and RF ≥ 0.050 (≥ 0.010 for poor performers)): <ul style="list-style-type: none"> o If %D>20 (>50% for poor performers), then J-flag positive results and UJ-flag non-detects o If RF <0.050 (<0.010 for poor performers), then UJ-flag non-detected semivolatile target compounds 8082A <ul style="list-style-type: none"> • ICAL (Criteria: Minimum 5-point curve for PCB 1016 and 1260 and any other PCB detected in a sample; single point for all other PCBs if not detected in a sample; ≤ 20 mean %RSD) <ul style="list-style-type: none"> o If %RSD>20, then J-flag positive results and UJ-flag non-detects • CCV (Criteria: $\leq 20\%$D) <ul style="list-style-type: none"> o If %D>20, then J-flag positive results and UJ-flag non-detects 				<ul style="list-style-type: none"> ▪ Benzaldehyde @ -45.3%D (Lab: ≤ 20, Project≤ 50). Qualification of sample results is not warranted, as the analyte is a poor performer and the percent difference (%D) between calibration response factors is less than 50. ▪ Atrazine @ 63.7%D (Lab: ≤ 20, Project: ≤ 50). UJ-Flag result. o CCV of 12/20/12 @ 15:30:Atrazine @ 23.4%D (Lab: ≤ 20, Project: ≤ 50). Qualification of sample results is not warranted, as the analyte is a poor performer and the %D between calibration response factors is less than 50. 	
20. A DDT/Endrin check standard was analyzed at the beginning of each 12-hour shift to verify the breakdown of each compound. The percent breakdown of DDT and Endrin was less than 15 on each column during all check standard analyses.			✓	SW-846 8081 only	
21. Sample results were confirmed using a second gas chromatograph column of dissimilar stationary phase and the %D between results was less than 40 for all detected analytes.	✓				
22. Was a LCS prepared for each batch and matrix?	✓				
23. Were LCS recoveries within lab control limits? If no, J-flag positive results when %R >Upper Control Limit (UCL) and J/R-flag results when %R <Lower Control Limit (LCL).	✓				
24. Were LCS/LCSD RPD within lab specifications? If no, J-flag positive results and UJ-flag non-detects	✓				
25. Was a MS/MSD pair extracted at the proper frequency (one per 20 samples per batch)?	✓				
26. Is the MS/MSD parent sample a project-specific sample?	✓			<ul style="list-style-type: none"> • 8270 D, Prep Batch 260192: 680-85534-18 (Batch sample), MS/MSD. Lab sample 680-85534-18 is a project-specific sample (HP0012B-CS) that was selected by TestAmerica for the PAH MS and MSD 	

Data Validation Checklist (Continued)

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
				analysis, and the results were reported under Job ID 680-85534-5. • 8082A: 680-85585-1 (FM0165C-CS), MS/MSD.	
27. Were MS/MSD recoveries within laboratory/project specifications? <i>Only QC results for project samples are evaluated.</i> <ul style="list-style-type: none"> • If the native sample concentration > 4x spiking level, then an evaluation of interference is not possible. • If either MS or MSD recovery meets control limits, qualification of data is not warranted. • MS and MSD %R<10: J and R Flag positive and ND results, respectively • MS and MSD %R >10 and <LCL: J-Flag positive and UJ-flag non-detect results • MS and MSD R% >UCL (or 140): J-Flag positive results 	✓			FM0165C-CS (680-85585-1), 8082A: PCB-1260 @96 and 67%R (69-130). Qualification of data is not warranted, because the MS recovery met control limits.	
28. Were laboratory criteria met for precision during the MS/MSD analysis? <i>Only QC results for project samples are evaluated.</i> <ul style="list-style-type: none"> • If the native sample concentration > 4x spiking level, then an evaluation of interference is not possible. • If %RPD > UCL, J-flag positive result and UJ-flag non-detect result 	✓				
29. Were surrogate recoveries within lab/project specifications? <ul style="list-style-type: none"> • If %R for 1 Acid or BN surrogates <10, then J-flag positive and R-flag non-detect associated sample results • If 2 or more Acid or BN %R >UCL, then J-flag positive results • If 2 or more Acid or BN %R ≥10%, but <LCL, then J-flag positive results and UJ-flag non-detect results • If 2 or more Acid or BN , with 1 %R >UCL and 1 %R ≥10%, but <LCL, then J-flag positive results and UJ-flag non-detect results 	✓			<ul style="list-style-type: none"> • 8270D: All surrogates in sample HP0070 (special sample) (680-85585-36) were not recovered. Qualification of SVOC results in sample HP0070 (special sample) due to zero surrogate recovery is not required, because the sample was diluted 100-fold. • 8082A: All surrogates were recovered high outside of control limits during the undiluted analysis of sample HP0070 (special sample) (680-85585-36). In addition, surrogates were not recovered upon reanalysis of the sample due to dilution (10X). Qualification of data is not warranted, because there were no detected sample results reported from the undiluted analysis, and surrogates were not recovered upon reanalysis due to sample dilution. 	
30. Were internal standard (IS) results within lab/project	✓				

Data Validation Checklist (Continued)

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
specifications? <ul style="list-style-type: none"> • If IS area counts are less than 50% of the midpoint calibration standard, then J-flag positive and UJ-flag non-detect associated sample results • If IS area counts are greater than 100% of the midpoint calibration standard, then J-flag positive results • If extremely low area counts are reported or performance exhibits a major abrupt drop-off, then a severe loss of sensitivity is indicated, J-flag positive and R-flag non-detect results • If retention time of sample's internal standard is not within 30 seconds of the associated calibration standard, R-flag associated data. • The chromatographic profile for that sample must be examined to determine if any false positives or negatives exists. For shifts of large magnitude, the reviewer may consider partial or total rejection of the data for that sample fraction. Positive results need not be qualified as R, if mass spectral criteria are met. 					
31. Were lab comments included in report?	✓			Refer to Attachment C (Case Narrative)	

Comments: The data validation was conducted in accordance with the *Non-Industrial Use Property Sampling Event QAPP for the 35th Avenue Removal Site, Birmingham, Alabama, Revision 1* (OTIE, October 2012). The data review process was modeled after the *USEPA Contract Laboratory Program (CLP) National Functional Guidelines (NFG) for Organic Methods Data Review* (EPA, October 1999) and *USEPA CLP NFG for Low Concentration Organic Methods Data Review* (EPA, June 2001). Sample results have been qualified based on the results of the data review process (**Attachment D**). Criteria for acceptability of data were based upon available site information, analytical method requirements, guidance documents, and professional judgment.

DV Flag Definitions:

- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- R The sample results are unusable. The analyte may or may not be present in the sample.
- U The analyte was analyzed for, but was not detected above the associated level; blank contamination may exist.
- UJ The analyte was not detected above the limit, and the limit is approximate and may be inaccurate or imprecise.

ATTACHMENT A

SAMPLE SUMMARY

SAMPLE SUMMARY

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-85585-4
Sdg Number: 68085585-3

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-85585-1	FM0165CC-CS	Solid	12/06/2012 0855	12/08/2012 0917
680-85585-1MS	FM0165CC-CS	Solid	12/06/2012 0855	12/08/2012 0917
680-85585-1MSD	FM0165CC-CS	Solid	12/06/2012 0855	12/08/2012 0917
680-85585-2	FM0165DD-CS	Solid	12/06/2012 0858	12/08/2012 0917
680-85585-3	FM0165EE-CS	Solid	12/06/2012 0900	12/08/2012 0917
680-85585-4	FM0165FF-CS	Solid	12/06/2012 0920	12/08/2012 0917
680-85585-5	FM0165GG-CS	Solid	12/06/2012 0925	12/08/2012 0917
680-85585-12	FM0165NN-GS	Solid	12/06/2012 1131	12/08/2012 0917
680-85585-16	HP0196A-CS-SP	Solid	12/06/2012 0913	12/08/2012 0917
680-85585-16MS	HP0196A-CS-SP	Solid	12/06/2012 0913	12/08/2012 0917
680-85585-16MSD	HP0196A-CS-SP	Solid	12/06/2012 0913	12/08/2012 0917
680-85585-18	HP0108B-CS-SP	Solid	12/06/2012 1050	12/08/2012 0917
680-85585-22	HP0070A-CS-SP	Solid	12/06/2012 1040	12/08/2012 0917
680-85585-36	HP0070 (special sample)	Solid	12/06/2012 1100	12/08/2012 0917
680-85585-42	HP0054B-CS	Solid	12/07/2012 0930	12/08/2012 0917
680-85585-44	HP0061B-CS	Solid	12/07/2012 0945	12/08/2012 0917
680-85585-45	HP0061B-CS-D	Solid	12/07/2012 0950	12/08/2012 0917
680-85585-49	FM0165NN-GS (sieved)	Solid	12/06/2012 1131	12/08/2012 0917
680-85585-50	HP0196A-CS-SP (sieved)	Solid	12/06/2012 0913	12/08/2012 0917
680-85585-51	HP0108B-CS-SP (sieved)	Solid	12/06/2012 1050	12/08/2012 0917
680-85585-52	HP0070A-CS (sieved)	Solid	12/06/2012 1040	12/08/2012 0917
680-85585-53	HP0054B-CS (sieved)	Solid	12/07/2012 0930	12/08/2012 0917
680-85585-54	HP0061B-CS (sieved)	Solid	12/07/2012 0945	12/08/2012 0917

ATTACHMENT B

DATA PACKAGE ADDENDUM

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab File ID: gl1800t.d DFTPP Injection Date: 12/18/2012

Instrument ID: MSG DFTPP Injection Time: 11:38

Analysis Batch No.: 260483

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0- 80.0% of mass 198	54.1
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	48.0
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	25.0 - 75.0% of mass 198	55.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.9
275	10.0- 30.0% of mass 198	25.9
365	Greater than 0.75% of mass 198	3.2
441	Present, but less than mass 443	11.3
442	40.0 - 110.0% of mass 198	70.6
443	15.0 - 24.0% of mass 442	14.1 (19.9)2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 680-260483/2	gl1801q.d	12/18/2012	11:53
	IC 680-260483/3	gl1802q.d	12/18/2012	12:22
	IC 680-260483/4	gl1803q.d	12/18/2012	12:51
	IC 680-260483/5	gl1804q.d	12/18/2012	13:20
	IC 680-260483/6	gl1805q.d	12/18/2012	13:49
	IC 680-260483/7	gl1806q.d	12/18/2012	14:18
	ICV 680-260483/8	gl1807q.d	12/18/2012	14:47

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: ICV 680-260483/8

Calibration Date: 12/18/2012 14:47

Instrument ID: MSG

Calib Start Date: 12/18/2012 11:53

GC Column: RXi- 5Sil MS

ID: 0.25 (mm)

Calib End Date: 12/18/2012 14:18

Lab File ID: gl1807q.d

Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Phenols,Total	Ave	1.386	1.417	0.6000	166	160	2.2	30.0
1,4-Dioxane	Ave	0.5381	0.5872		330	80.0	9.1	30.0
N-Nitrosodimethylamine	Ave	0.9371	1.010		330	80.0	7.8	30.0
Pyridine	Ave	1.319	1.461		88.6	80.0	10.8	30.0
Benzaldehyde	Ave	0.6844	0.3744	0.0100	330	80.0	-45.3*	30.0
Phenol	Ave	1.848	2.005	0.8000	86.8	80.0	8.5	30.0
Aniline	Ave	1.678	2.081		99.2	80.0	24.0	30.0
Bis(2-chloroethyl)ether	Ave	1.004	0.9948	0.7000	79.3	80.0	-0.9	30.0
2-Chlorophenol	Ave	1.464	1.564	0.8000	85.4	80.0	6.8	30.0
1,3-Dichlorobenzene	Ave	1.680	1.711		81.5	80.0	1.9	30.0
1,4-Dichlorobenzene	Ave	1.650	1.660		80.5	80.0	0.6	30.0
Benzyl alcohol	Ave	0.9675	0.995		82.3	80.0	2.8	30.0
1,2-Dichlorobenzene	Ave	1.547	1.571		81.2	80.0	1.6	30.0
2-Methylphenol	Ave	1.102	1.216	0.7000	88.3	80.0	10.3	30.0
bis (2-chloroisopropyl) ether	Ave	2.006	2.093	0.0100	83.4	80.0	4.3	30.0
Acetophenone	Ave	0.4809	0.4916	0.0100	81.8	80.0	2.2	30.0
3 & 4 Methylphenol	Ave	1.671	1.619		77.5	80.0	-3.1	30.0
N-Nitrosodi-n-propylamine	Ave	0.9462	0.9810	0.5000	82.9	80.0	3.7	30.0
Hexachloroethane	Ave	0.6229	0.6275	0.3000	80.6	80.0	0.8	30.0
Nitrobenzene	Ave	0.3461	0.3459	0.2000	79.9	80.0	-0.0	30.0
Isophorone	Ave	0.6414	0.6328	0.4000	78.9	80.0	-1.3	30.0
2-Nitrophenol	Ave	0.1980	0.2104	0.1000	85.0	80.0	6.3	30.0
2,4-Dimethylphenol	Ave	0.2942	0.3298	0.2000	89.7	80.0	12.1	30.0
Bis(2-chloroethoxy)methane	Ave	0.3719	0.3756	0.3000	80.8	80.0	1.0	30.0
Benzoic acid	Ave	0.2865	0.2680		1700	80.0	-6.5	30.0
2,4-Dichlorophenol	Ave	0.3093	0.3228	0.2000	83.5	80.0	4.4	30.0
1,2,4-Trichlorobenzene	Ave	0.3344	0.3347		80.1	80.0	0.0	30.0
Naphthalene	Ave	1.006	1.012	0.7000	80.5	80.0	0.6	30.0
4-Chloroaniline	Ave	0.3912	0.4356	0.0100	89.1	80.0	11.3	30.0
Hexachlorobutadiene	Ave	0.1897	0.1897	0.0100	80.0	80.0	0.0	30.0
Caprolactam	Ave	0.1148	0.1157	0.0100	80.6	80.0	0.8	30.0
4-Chloro-3-methylphenol	Ave	0.3056	0.3138	0.2000	82.1	80.0	2.7	30.0
2-Methylnaphthalene	Ave	0.7346	0.7588	0.4000	82.6	80.0	3.3	30.0
1-Methylnaphthalene	Ave	0.6964	0.6868		78.9	80.0	-1.4	30.0
Hexachlorocyclopentadiene	Ave	0.3634	0.3738	0.0500	82.3	80.0	2.9	30.0
2,4,6-Trichlorophenol	Ave	0.3689	0.3920	0.2000	85.0	80.0	6.3	30.0
2,4,5-Trichlorophenol	Ave	0.3960	0.4083	0.2000	82.5	80.0	3.1	30.0
1,1'-Biphenyl	Ave	1.406	1.402	0.0100	330	80.0	-0.3	30.0
2-Chloronaphthalene	Ave	1.080	1.148	0.8000	85.0	80.0	6.3	30.0
2-Nitroaniline	Ave	0.3033	0.3715	0.0100	98.0	80.0	22.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: ICV 680-260483/8

Calibration Date: 12/18/2012 14:47

Instrument ID: MSG

Calib Start Date: 12/18/2012 11:53

GC Column: RXi- 5Sil MS

ID: 0.25 (mm)

Calib End Date: 12/18/2012 14:18

Lab File ID: gl1807q.d

Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dimethyl phthalate	Ave	1.309	1.313	0.0100	80.2	80.0	0.3	30.0
2,6-Dinitrotoluene	Ave	0.2846	0.3052	0.2000	85.8	80.0	7.2	30.0
Acenaphthylene	Ave	1.724	1.744	0.9000	80.9	80.0	1.2	30.0
3-Nitroaniline	Ave	0.3206	0.3517	0.0100	87.8	80.0	9.7	30.0
Acenaphthene	Ave	1.079	1.163	0.9000	86.3	80.0	7.8	30.0
2,4-Dinitrophenol	Ave	0.1563	0.1887	0.0100	1700	80.0	20.8	30.0
4-Nitrophenol	Ave	0.2367	0.2541	0.0100	1700	80.0	7.4	30.0
2,4-Dinitrotoluene	Ave	0.3902	0.4106	0.2000	84.2	80.0	5.3	30.0
Dibenzofuran	Ave	1.560	1.561	0.8000	80.0	80.0	0.0	30.0
Diethyl phthalate	Ave	1.253	1.288	0.0100	82.2	80.0	2.8	30.0
4-Chlorophenyl phenyl ether	Ave	0.6715	0.6984	0.4000	83.2	80.0	4.0	30.0
Fluorene	Ave	1.317	1.394	0.9000	84.7	80.0	5.9	30.0
4-Nitroaniline	Ave	0.3335	0.3485	0.0100	83.6	80.0	4.5	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1364	0.1494	0.0100	1700	80.0	9.5	30.0
N-Nitrosodiphenylamine	Ave	0.5498	0.7069	0.0100	103	80.0	28.6	30.0
1,2-Diphenylhydrazine (as Azobenzene)	Ave	0.6962	0.7096		81.5	80.0	1.9	30.0
4-Bromophenyl phenyl ether	Ave	0.2301	0.2330	0.1000	81.0	80.0	1.3	30.0
Hexachlorobenzene	Ave	0.2379	0.2440	0.1000	82.0	80.0	2.6	30.0
Atrazine	Ave	0.1266	0.2072	0.0100	131	80.0	63.7*	30.0
Pentachlorophenol	Ave	0.1574	0.1757	0.0500	1700	80.0	11.7	30.0
Dinoseb	QuaF	0.1859	0.2266		330	80.0	5.8	
Phenanthrene	Ave	1.076	1.113	0.7000	82.8	80.0	3.5	30.0
Anthracene	Ave	1.094	1.150	0.7000	84.1	80.0	5.1	30.0
Carbazole	Ave	1.067	1.140	0.0100	85.5	80.0	6.9	30.0
Di-n-butyl phthalate	Ave	1.330	1.405	0.0100	84.5	80.0	5.7	30.0
Fluoranthene	Ave	1.313	1.376	0.6000	83.8	80.0	4.8	30.0
Benzidine	Ave	0.2814	0.4990		2700	80.0	77.4*	30.0
Pyrene	Ave	1.196	1.235	0.6000	82.6	80.0	3.2	30.0
Butyl benzyl phthalate	Ave	0.5470	0.5541	0.0100	81.0	80.0	1.3	30.0
3,3'-Dichlorobenzidine	Ave	0.4402	0.4400	0.0100	80.0	80.0	-0.0	30.0
Benzo[a]anthracene	Ave	1.158	1.204	0.8000	83.1	80.0	3.9	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7337	0.7403	0.0100	80.7	80.0	0.9	30.0
Chrysene	Ave	1.022	1.021	0.7000	79.9	80.0	-0.1	30.0
Di-n-octyl phthalate	Ave	1.261	1.327	0.0100	84.2	80.0	5.2	30.0
Benzo[b]fluoranthene	Ave	1.216	1.367	0.7000	89.9	80.0	12.4	30.0
Benzo[k]fluoranthene	Ave	1.227	1.143	0.7000	74.5	80.0	-6.9	30.0
Benzo[a]pyrene	Ave	1.049	1.231	0.7000	93.9	80.0	17.4	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.185	1.264	0.5000	85.4	80.0	6.7	30.0
Dibenz(a,h)anthracene	Ave	1.095	1.123	0.4000	82.0	80.0	2.5	30.0
Benzo[g,h,i]perylene	Ave	1.094	1.132	0.5000	82.8	80.0	3.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: ICV 680-260483/8

Calibration Date: 12/18/2012 14:47

Instrument ID: MSG

Calib Start Date: 12/18/2012 11:53

GC Column: RXi- 5Sil MS ID: 0.25 (mm)

Calib End Date: 12/18/2012 14:18

Lab File ID: gl1807q.d

Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorophenol (Surr)	Ave	1.422	1.435		80.7	80.0	0.9	30.0
Phenol-d5 (Surr)	Ave	1.806	1.749		77.5	80.0	-3.1	30.0
Nitrobenzene-d5 (Surr)	Ave	0.3692	0.3392		73.5	80.0	-8.1	30.0
2-Fluorobiphenyl	Ave	1.331	1.288		77.4	80.0	-3.2	30.0
2,4,6-Tribromophenol (Surr)	Ave	0.2010	0.1948		77.5	80.0	-3.1	30.0
Terphenyl-d14 (Surr)	Ave	0.9486	0.8981		75.7	80.0	-5.3	30.0

TESTAMERICA SAVANNAH

Semivolatile REPORT SW-846 Method 8270C
Data file : /chem/SM/MSG5973.i/1g121812D.b/g11807q.d
Lab Smp Id: ICV-2858117;BNAICV-
Inj Date : 18-DEC-2012 14:47
Operator : BB Inst ID: MSG5973.i
Smp Info : ICV-2858117;BNAICV-59
Misc Info :
Comment :
Method : /chem/SM/MSG5973.i/1g121812D.b/g-8270D-m.m
Meth Date : 20-Dec-2012 09:18 boyukb Quant Type: ISTD
Cal Date : 18-DEC-2012 21:05 Cal File: g11820q.d
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TL2007.sub
Target Version: 3.50
Processing Host: savchem1

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
*	1 1,4-Dichlorobenzene-d4	152	5.918	5.918 (1.000)		122167	40.0000	
	2 1,4-Dioxane	88	2.526	2.526 (0.427)		143482	80.0000	87
	3 Pyridine	79	2.910	2.910 (0.492)		356868	80.0000	89
	4 N-Nitrosodimethylamine	42	2.846	2.846 (0.481)		246846	80.0000	86
\$	5 2-Fluorophenol	112	4.529	4.529 (0.765)		350652	80.0000	81
\$	6 Phenol-d5	99	5.549	5.549 (0.938)		427457	80.0000	77
	7 Aniline	93	5.587	5.587 (0.944)		508473	80.0000	99(H)
	8 Phenol	94	5.560	5.560 (0.940)		489984	80.0000	87
	9 Bis(2-chloroethyl)ether	63	5.651	5.651 (0.955)		243051	80.0000	79(H)
10	2-Chlorophenol	128	5.710	5.710 (0.965)		382157	80.0000	85
11	1,3-Dichlorobenzene	146	5.864	5.864 (0.991)		418050	80.0000	81(H)
12	1,4-Dichlorobenzene	146	5.934	5.934 (1.003)		405663	80.0000	80(H)
13	Benzyl Alcohol	108	6.051	6.051 (1.023)		243125	80.0000	82(H)
14	1,2-Dichlorobenzene	146	6.083	6.083 (1.028)		383815	80.0000	81
15	2-Methylphenol	107	6.164	6.164 (1.042)		297064	80.0000	88(H)
16	bis (2-Chloroisopropyl) ether	45	6.185	6.185 (1.045)		511302	80.0000	83(H)
17	N-Nitroso-di-n-propylamine	70	6.308	6.308 (1.066)		239689	80.0000	83(H)
18	3&4-Methylphenol	107	6.308	6.308 (1.066)		395597	80.0000	78(H)
19	Hexachloroethane	117	6.409	6.409 (1.083)		153330	80.0000	81
*	20 Naphthalene-d8	136	7.104	7.104 (1.000)		511388	40.0000	
\$	21 Nitrobenzene-d5	82	6.447	6.447 (0.907)		346953	80.0000	74(H)
	22 Nitrobenzene	77	6.463	6.463 (0.910)		353754	80.0000	80
	23 Isophorone	82	6.682	6.682 (0.941)		647257	80.0000	79
	24 2-Nitrophenol	139	6.757	6.757 (0.951)		215165	80.0000	85
	25 2,4-Dimethylphenol	122	6.794	6.794 (0.956)		337346	80.0000	90
	26 Bis(2-chloroethoxy)methane	93	6.874	6.874 (0.968)		384184	80.0000	81(H)

Compounds	QUANT SIG	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)
27 Benzoic acid	105	6.890	6.890	(0.970)	274065	80.0000	75
28 2,4-Dichlorophenol	162	6.976	6.976	(0.982)	330161	80.0000	83(H)
29 1,2,4-Trichlorobenzene	180	7.050	7.050	(0.992)	342273	80.0000	80(H)
30 Naphthalene	128	7.120	7.120	(1.002)	1034772	80.0000	80(H)
31 4-Chloroaniline	127	7.163	7.163	(1.008)	445469	80.0000	89
32 Hexachlorobutadiene	225	7.237	7.237	(1.019)	194045	80.0000	80(H)
33 4-Chloro-3-methylphenol	107	7.579	7.579	(1.067)	320907	80.0000	82(H)
34 2-Methylnaphthalene	142	7.723	7.723	(1.087)	776126	80.0000	83
35 1-Methylnaphthalene	142	7.814	7.814	(1.100)	702485	80.0000	79(H)
* 36 Acenaphthene-d10	164	8.808	8.808	(1.000)	311280	40.0000	
37 Hexachlorocyclopentadiene	237	7.878	7.878	(0.894)	232687	80.0000	82(H)
38 2,4,6-Trichlorophenol	196	7.985	7.985	(0.907)	244062	80.0000	85(H)
39 2,4,5-Trichlorophenol	196	8.023	8.023	(0.911)	254213	80.0000	82(H)
\$ 40 2-Fluorobiphenyl	172	8.060	8.060	(0.915)	802136	80.0000	77(H)
41 2-Chloronaphthalene	162	8.194	8.194	(0.930)	714984	80.0000	85(H)
42 2-Nitroaniline	65	8.284	8.284	(0.941)	231304	80.0000	98(H)
43 Dimethylphthalate	163	8.477	8.477	(0.962)	817342	80.0000	80
44 2,6-Dinitrotoluene	165	8.546	8.546	(0.970)	189982	80.0000	86(H)
45 Acenaphthylene	152	8.648	8.648	(0.982)	1085977	80.0000	81(H)
46 3-Nitroaniline	138	8.744	8.744	(0.993)	218968	80.0000	88(H)
47 Acenaphthene	154	8.851	8.851	(1.005)	724114	80.0000	86(H)
48 2,4-Dinitrophenol	184	8.856	8.856	(1.005)	117502	80.0000	97(Q)
49 4-Nitrophenol	65	8.915	8.915	(1.012)	158194	80.0000	86
50 Dibenzofuran	168	9.048	9.048	(1.027)	971801	80.0000	80
51 2,4-Dinitrotoluene	165	9.011	9.011	(1.023)	255645	80.0000	84(H)
53 Diethylphthalate	149	9.299	9.299	(1.056)	801946	80.0000	82
54 Fluorene	166	9.454	9.454	(1.073)	867908	80.0000	85(H)
55 4-Chlorophenyl-phenylether	204	9.444	9.444	(1.072)	434807	80.0000	83(H)
56 4-Nitroaniline	138	9.465	9.465	(1.075)	216958	80.0000	84
\$ 57 2,4,6-Tribromophenol	329	9.743	9.743	(1.106)	121291	80.0000	78(H)
* 58 Phenanthrene-d10	188	10.587	10.587	(1.000)	518817	40.0000	
59 4,6-Dinitro-2-methylphenol	198	9.502	9.502	(0.898)	154988	80.0000	88(H)
60 N-Nitrosodiphenylamine	169	9.588	9.588	(0.906)	733545	80.0000	100
61 1,2-Diphenylhydrazine	77	9.636	9.636	(0.910)	736265	80.0000	82(H)
62 4-Bromophenyl-phenylether	248	10.042	10.042	(0.949)	241784	80.0000	81(H)
63 Hexachlorobenzene	284	10.133	10.133	(0.957)	253194	80.0000	82
64 Pentachlorophenol	266	10.357	10.357	(0.978)	182302	80.0000	89(H)
65 Phenanthrene	178	10.614	10.614	(1.003)	1154997	80.0000	83(H)
66 Anthracene	178	10.678	10.678	(1.009)	1192768	80.0000	84
67 Carbazole	167	10.859	10.859	(1.026)	1183139	80.0000	85(H)
68 Di-n-Butylphthalate	149	11.276	11.276	(1.065)	1457854	80.0000	85(H)
69 Fluoranthene	202	11.997	11.997	(1.133)	1427898	80.0000	84(H)
70 Benzidine	184	12.141	12.141	(0.898)	576640	80.0000	140
* 71 Chrysene-d12	240	13.562	13.562	(1.000)	577754	40.0000	(H)
72 Pyrene	202	12.254	12.254	(0.906)	1426702	80.0000	83
\$ 73 Terphenyl-d14	244	12.425	12.425	(0.919)	1037739	80.0000	76
74 Butylbenzylphthalate	149	12.953	12.953	(0.958)	640278	80.0000	81

Compounds	QUANT SIG	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)
75 3,3'-Dichlorobenzidine	252	13.520	13.520 (1.000)		508463	80.0000	80
76 Benzo(a)Anthracene	228	13.552	13.552 (1.002)		1390914	80.0000	83
77 Bis(2-ethylhexyl)phthalate	149	13.562	13.562 (1.003)		855382	80.0000	81
78 Chrysene	228	13.589	13.589 (1.005)		1179495	80.0000	80
* 79 Perylene-d12	264	15.315	15.315 (1.000)		536767	40.0000	
80 Di-n-octylphthalate	149	14.262	14.262 (1.054)		1533836	80.0000	84
81 Benzo(b)fluoranthene	252	14.791	14.791 (0.966)		1467369	80.0000	90(H)
82 Benzo(k)fluoranthene	252	14.834	14.834 (0.969)		1226905	80.0000	75
83 Benzo(a)pyrene	252	15.235	15.235 (0.995)		1321678	80.0000	94
84 Indeno(1,2,3-cd)pyrene	276	17.110	17.110 (1.265)		1460797	80.0000	85
85 Dibenzo(a,h)anthracene	278	17.136	17.136 (1.119)		1205470	80.0000	82
86 Benzo(g,h,i)perylene	276	17.655	17.655 (1.153)		1215393	80.0000	83
87 Dinoseb	211	10.582	10.582 (0.999)		235126	80.0000	85
89 Acetophenone	105	6.303	6.303 (0.887)		502742	80.0000	82
90 Benzaldehyde	77	5.474	5.474 (0.925)		91479	80.0000	44
91 1,1-Biphenyl	154	8.167	8.167 (0.927)		872799	80.0000	80(H)
92 Caprolactam	113	7.472	7.472 (1.052)		118373	80.0000	81
93 Atrazine	200	10.229	10.229 (0.966)		215018	80.0000	130(H)
M 88 MethylPhenols,Total	100				692661	160.000	170

QC Flag Legend

Q - Qualifier signal failed the ratio test.
 H - Operator selected an alternate compound hit.

Data File: g11807q.d

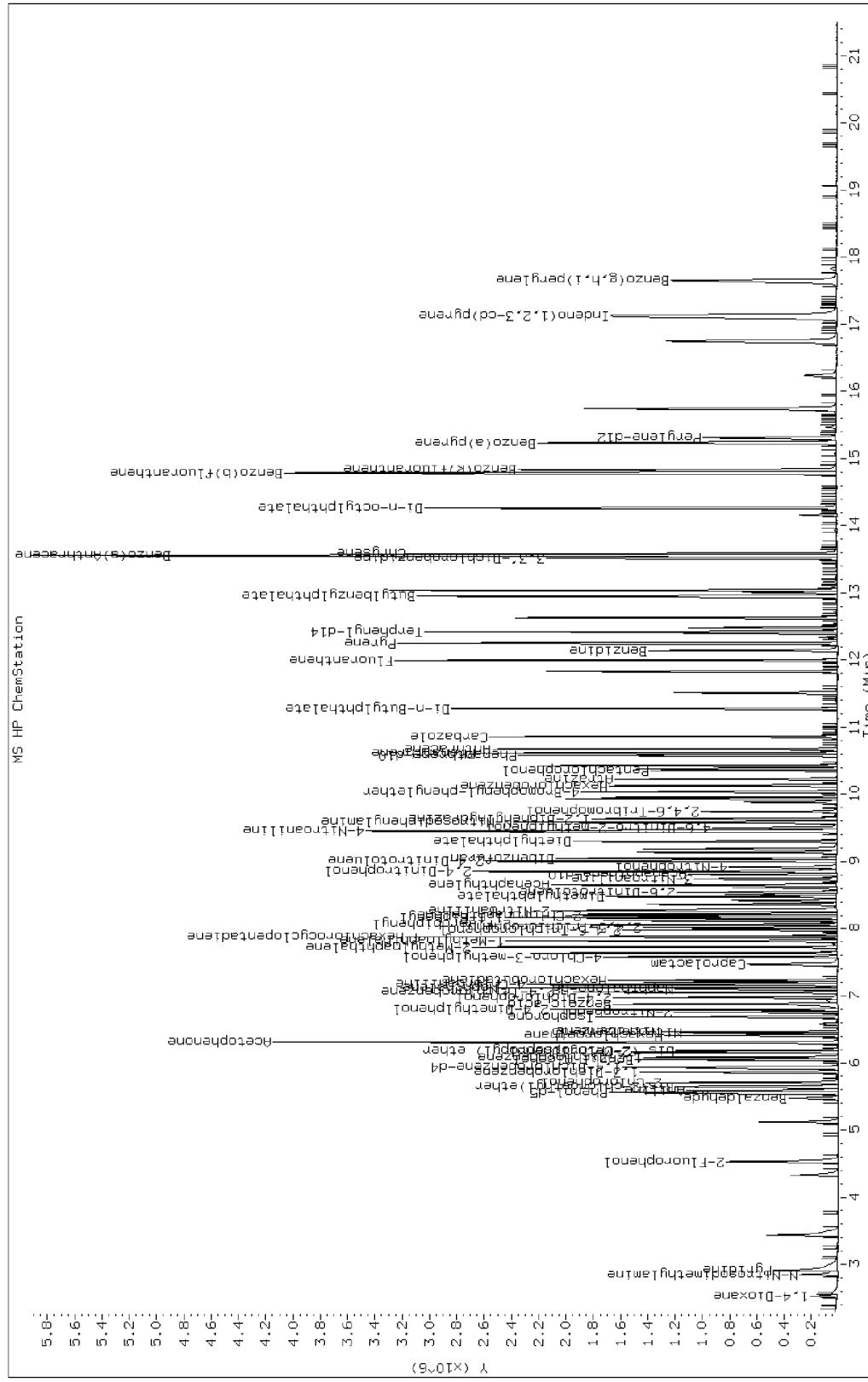
Date: 18-DEC-2012 14:47

Client ID:

Instrument: MSG5973.i

Sample Info: ICV-2858117; BNAICV-59

Operator: BB



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: ICV 680-257224/18

Calibration Date: 11/17/2012 08:58

Instrument ID: SGJ

Calib Start Date: 11/16/2012 19:09

GC Column: CLP I ID: 0.32 (mm)

Calib End Date: 11/17/2012 08:34

Lab File ID: jk16022.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.352	1.346		19.9	20.0	-0.5	20.0
gamma-BHC (Lindane)	Ave	1.256	1.229		19.6	20.0	-2.2	20.0
beta-BHC	Ave	0.5471	0.5223		19.1	20.0	-4.5	20.0
delta-BHC	Ave	1.174	1.151		19.6	20.0	-2.0	20.0
Heptachlor	Ave	1.117	1.065		19.1	20.0	-4.7	20.0
Aldrin	Ave	1.141	1.107		19.4	20.0	-3.0	20.0
Heptachlor epoxide	Ave	1.065	1.033		19.4	20.0	-3.0	20.0
gamma-Chlordane	Ave	1.050	1.016		19.4	20.0	-3.3	
alpha-Chlordane	Ave	1.029	1.000		19.5	20.0	-2.9	
4,4'-DDE	Ave	0.9153	0.8885		19.5	20.0	-2.9	20.0
Endosulfan I	Ave	0.9464	0.9165		19.4	20.0	-3.2	20.0
Dieldrin	Ave	0.9841	0.9555		19.5	20.0	-2.9	20.0
Endrin	Ave	0.7065	0.6505		18.5	20.0	-7.9	20.0
4,4'-DDD	Ave	0.7390	0.7019		19.0	20.0	-5.0	20.0
Endosulfan II	Ave	0.8615	0.7947		18.5	20.0	-7.8	20.0
4,4'-DDT	Ave	0.6772	0.6217		18.4	20.0	-8.2	20.0
Endrin aldehyde	Ave	0.6301	0.5919		18.8	20.0	-6.1	20.0
Methoxychlor	Ave	0.3716	0.3261		17.6	20.0	-12.2	20.0
Endosulfan sulfate	Ave	0.7476	0.6939		18.6	20.0	-7.2	20.0
Endrin ketone	Ave	0.8965	0.8493		19.0	20.0	-5.3	20.0
Tetrachloro-m-xylene	Ave	0.9606	1.161		38.7	32.0	20.9*	20.0
DCB Decachlorobiphenyl	Ave	0.5915	0.6710		36.3	32.0	13.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: ICV 680-257224/18	Calibration Date: 11/17/2012 08:58
Instrument ID: SGJ	Calib Start Date: 11/16/2012 19:09
GC Column: CLP I ID: 0.32 (mm)	Calib End Date: 11/17/2012 08:34
Lab File ID: jk16022.d	

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	7.69	7.65	7.75
gamma-BHC (Lindane)	8.29	8.25	8.35
beta-BHC	8.45	8.41	8.51
delta-BHC	8.78	8.74	8.84
Heptachlor	9.18	9.13	9.23
Aldrin	9.73	9.68	9.78
Heptachlor epoxide	10.82	10.77	10.87
gamma-Chlordane	11.04	10.99	11.09
alpha-Chlordane	11.27	11.23	11.33
4,4'-DDE	11.41	11.36	11.46
Endosulfan I	11.52	11.47	11.57
Dieldrin	11.93	11.89	11.99
Endrin	12.34	12.29	12.39
4,4'-DDD	12.45	12.40	12.50
Endosulfan II	12.73	12.68	12.78
4,4'-DDT	12.93	12.88	12.98
Endrin aldehyde	13.45	13.40	13.50
Methoxychlor	13.76	13.71	13.81
Endosulfan sulfate	14.20	14.15	14.25
Endrin ketone	14.69	14.64	14.74
Tetrachloro-m-xylene	6.63	6.58	6.68
DCB Decachlorobiphenyl	16.40	16.35	16.45

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD1.i/1J111612.b/jk16022.d
Lab Smp Id: ICV-2863255;PEST
Inj Date : 17-NOV-2012 08:58
Operator : Inst ID: SGJECD1.i
Smp Info : ICV-2863255;PEST~1J111612
Misc Info :
Comment :
Method : /chem/SG/SGJECD1.i/1J111612.b/j3-808182-e1.m
Meth Date : 19-Nov-2012 14:55 meincke Quant Type: ISTD
Cal Date : 17-NOV-2012 08:34 Cal File: jk16021.d
Als bottle: 22 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SGPEST.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
5.179	5.179	(1.000)	146277283	146277283	0.10000	0.100	80.00- 120.00	100.00
\$	2	Tetrachloro-m-xylene				CAS #: 877-09-8		
6.631	6.631	(1.280)	54365469	54365469	0.04000	0.0387	80.00- 120.00	100.00
	5	alpha-BHC				CAS #: 319-84-6		
7.694	7.694	(1.486)	39459183	39459183	0.02000	0.0199	80.00- 120.00	100.00
	6	gamma-BHC (Lindane)				CAS #: 58-89-9		
8.293	8.293	(1.601)	36020485	36020485	0.02000	0.0196	80.00- 120.00	100.00
	7	beta-BHC				CAS #: 319-85-7		
8.454	8.454	(1.632)	15310426	15310426	0.02000	0.0191	80.00- 120.00	100.00
	8	delta-BHC				CAS #: 319-86-8		
8.784	8.784	(1.696)	33745627	33745627	0.02000	0.0196	80.00- 120.00	100.00
	9	Heptachlor				CAS #: 76-44-8		
9.179	9.179	(1.772)	31225296	31225296	0.02000	0.0191	80.00- 120.00	100.00
	10	Aldrin				CAS #: 309-00-2		
9.729	9.729	(1.879)	32437372	32437372	0.02000	0.0194	80.00- 120.00	100.00
	13	Heptachlor epoxide				CAS #: 1024-57-3		
10.819	10.819	(2.089)	30267842	30267842	0.02000	0.0194	80.00- 120.00	100.00

RT	EXP RT (REL RT)	AMOUNTS						
		RESPONSE	(ug/mL)	CAL-AMT	ON-COL	TARGET RANGE		RATIO
						=====	=====	
14	gamma-Chlordane			CAS #: 5103-74-2				
11.039	11.039 (2.131)	29777707	29777707	0.02000	0.0194	80.00- 120.00	100.00(M)	
15	alpha-Chlordane			CAS #: 5103-71-9				
11.274	11.274 (2.177)	29299958	29299958	0.02000	0.0195	80.00- 120.00	100.00	
16	4,4'-DDE			CAS #: 72-55-9				
11.411	11.411 (2.203)	26046007	26046007	0.02000	0.0194	80.00- 120.00	100.00	
17	Endosulfan I			CAS #: 959-98-8				
11.516	11.516 (2.223)	26866264	26866264	0.02000	0.0194	80.00- 120.00	100.00	
19	Dieldrin			CAS #: 60-57-1				
11.934	11.934 (2.304)	28009495	28009495	0.02000	0.0194	80.00- 120.00	100.00	
21	Endrin			CAS #: 72-20-8				
12.339	12.339 (2.382)	19069126	19069126	0.02000	0.0184	80.00- 120.00	100.00	
22	4,4'-DDD			CAS #: 72-54-8				
12.448	12.448 (2.403)	20574107	20574107	0.02000	0.0190	80.00- 120.00	100.00	
25	Endosulfan II			CAS #: 33213-65-9				
12.726	12.726 (2.457)	23295612	23295612	0.02000	0.0185	80.00- 120.00	100.00	
26	4,4'-DDT			CAS #: 50-29-3				
12.933	12.933 (2.497)	18225323	18225323	0.02000	0.0184	80.00- 120.00	100.00	
27	Endrin aldehyde			CAS #: 7421-93-4				
13.451	13.451 (2.597)	17351186	17351186	0.02000	0.0188	80.00- 120.00	100.00	
28	Methoxychlor			CAS #: 72-43-5				
13.759	13.759 (2.657)	9558439	9558439	0.02000	0.0176	80.00- 120.00	100.00	
30	Endosulfan sulfate			CAS #: 1031-07-8				
14.199	14.199 (2.742)	20340338	20340338	0.02000	0.0186	80.00- 120.00	100.00	
31	Endrin ketone			CAS #: 53494-70-5				
14.686	14.686 (2.836)	24894893	24894893	0.02000	0.0190	80.00- 120.00	100.00	
\$ 32	DCB Decachlorobiphenyl			CAS #: 2051-24-3				
16.399	16.399 (3.166)	31408284	31408284	0.04000	0.0363	80.00- 120.00	100.00	

Data File: /chem/SG/SGJECD1.i/1J111612.b/jk16022.d
Report Date: 19-Nov-2012 14:55

Page 3

QC Flag Legend

M - Compound response manually integrated.

Data File: jk16022.d

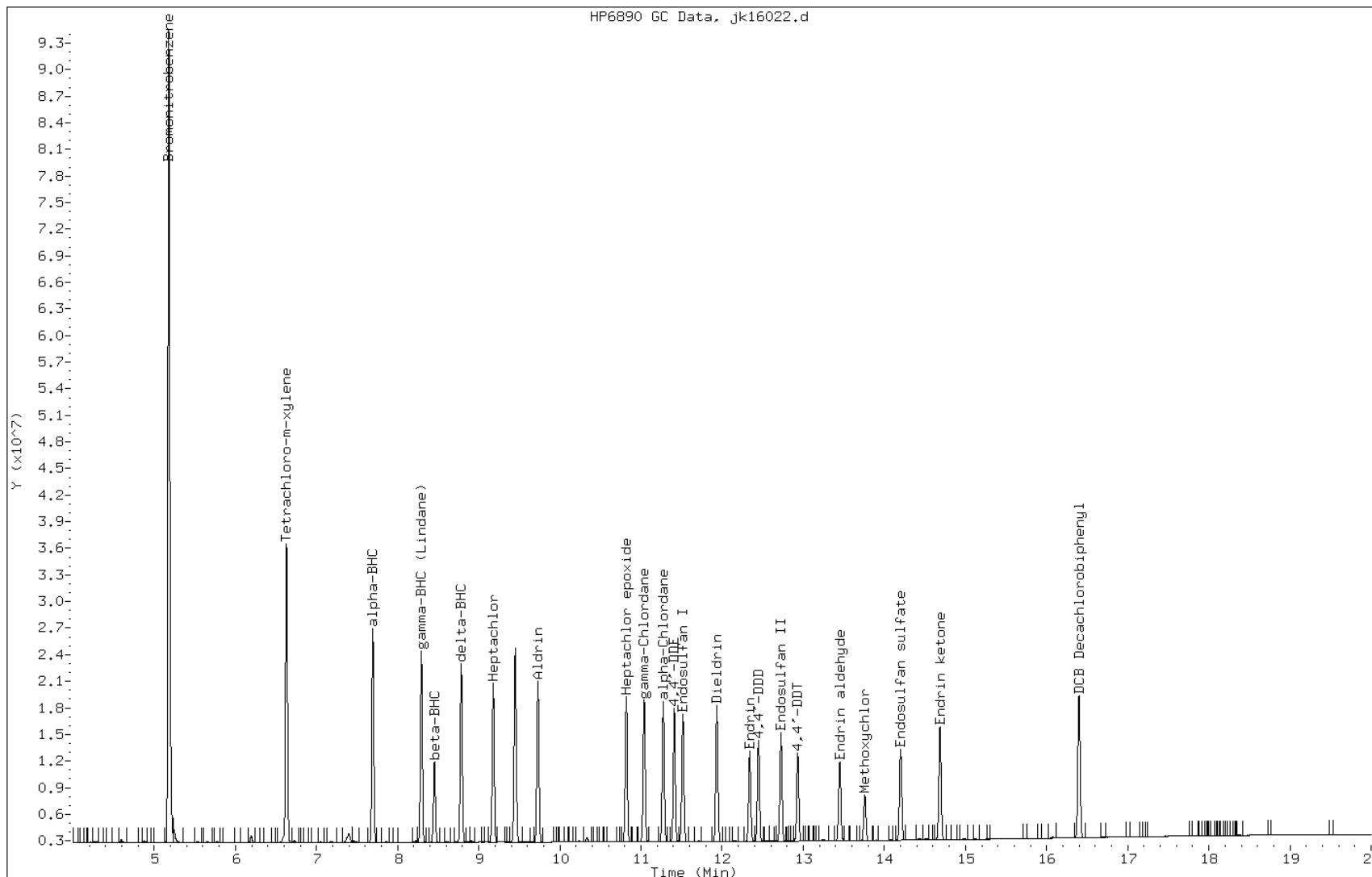
Date: 17-NOV-2012 08:58

Client ID:

Instrument: SGJECD1.i

Sample Info: ICV-2863255;PEST~1J111612

Operator:



Manual Integration Report

Data File: jk16022.d
Inj. Date and Time: 17-NOV-2012 08:58
Instrument ID: SGJECD1.i
Client ID:
Compound: 14 gamma-Chlordane
CAS #: 5103-74-2
Report Date: 11/23/2012

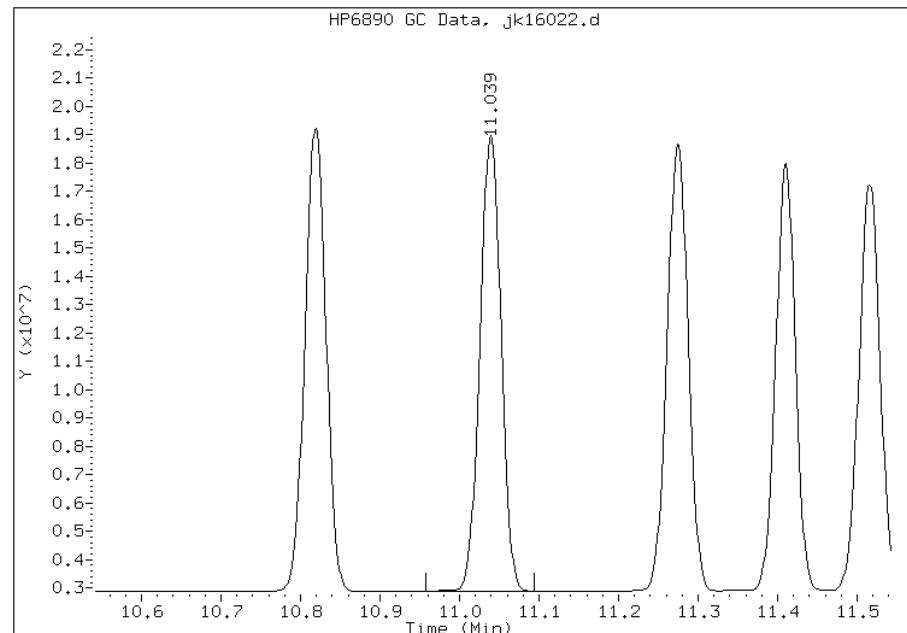
Processing Integration Results

Not Detected

Expected RT: 11.04

Manual Integration Results

RT: 11.04
Response: 29777707
Amount: 0.02
Conc: 0.02



Manually Integrated By: meincke
Manual Integration Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: ICV 680-257224/18

Calibration Date: 11/17/2012 08:58

Instrument ID: SGJ

Calib Start Date: 11/16/2012 19:09

GC Column: CLP II ID: 0.32 (mm)

Calib End Date: 11/17/2012 08:34

Lab File ID: jk16022.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.408	1.356		19.3	20.0	-3.6	20.0
gamma-BHC (Lindane)	Ave	1.298	1.240		19.1	20.0	-4.5	20.0
beta-BHC	Ave	0.5704	0.5373		18.9	20.0	-5.8	20.0
delta-BHC	Ave	1.230	1.171		19.1	20.0	-4.8	20.0
Heptachlor	Ave	1.097	0.9196		16.8	20.0	-16.1	20.0
Aldrin	Ave	1.232	1.176		19.1	20.0	-4.5	20.0
Heptachlor epoxide	Ave	1.126	1.057		18.8	20.0	-6.1	20.0
gamma-Chlordane	Ave	1.151	1.092		19.0	20.0	-5.2	
alpha-Chlordane	Ave	1.129	1.070		19.0	20.0	-5.2	
Endosulfan I	Ave	1.049	0.995		19.0	20.0	-5.2	20.0
4,4'-DDE	Ave	1.031	0.9829		19.1	20.0	-4.7	20.0
Dieldrin	Ave	1.068	0.9897		18.6	20.0	-7.3	20.0
Endrin	Ave	0.7345	0.6378		17.4	20.0	-13.2	20.0
4,4"-DDD	Ave	0.8070	0.6588		16.4	20.0	-18.4	20.0
Endosulfan II	Ave	0.9297	0.8616		18.6	20.0	-7.3	20.0
4,4'-DDT	Ave	0.7067	0.5935		16.8	20.0	-16.0	20.0
Endrin aldehyde	Ave	0.7128	0.6412		18.0	20.0	-10.0	20.0
Endosulfan sulfate	Ave	0.8451	0.7638		18.1	20.0	-9.6	20.0
Methoxychlor	Ave	0.3543	0.2534		14.3	20.0	-28.5*	20.0
Endrin ketone	Ave	1.011	0.9109		18.1	20.0	-9.9	20.0
Tetrachloro-m-xylene	Ave	0.9704	1.141		37.6	32.0	17.6	20.0
DCB Decachlorobiphenyl	Ave	0.7618	0.8630		36.2	32.0	13.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: ICV 680-257224/18	Calibration Date: 11/17/2012 08:58
Instrument ID: SGJ	Calib Start Date: 11/16/2012 19:09
GC Column: CLP II	Calib End Date: 11/17/2012 08:34
GC Column: CLP II	Calib End Date: 11/17/2012 08:34
Lab File ID: jk16022.d	

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	7.54	7.49	7.59
gamma-BHC (Lindane)	8.21	8.16	8.26
beta-BHC	8.37	8.32	8.42
delta-BHC	8.91	8.86	8.96
Heptachlor	9.01	8.96	9.06
Aldrin	9.59	9.54	9.64
Heptachlor epoxide	10.62	10.57	10.67
gamma-Chlordane	10.95	10.90	11.00
alpha-Chlordane	11.21	11.16	11.26
Endosulfan I	11.30	11.25	11.35
4,4'-DDE	11.52	11.47	11.57
Dieldrin	11.78	11.73	11.83
Endrin	12.30	12.25	12.35
4,4'-DDD	12.52	12.47	12.57
Endosulfan II	12.67	12.62	12.72
4,4'-DDT	13.06	13.01	13.11
Endrin aldehyde	13.25	13.20	13.30
Endosulfan sulfate	13.73	13.68	13.78
Methoxychlor	14.25	14.20	14.30
Endrin ketone	14.64	14.59	14.69
Tetrachloro-m-xylene	6.39	6.34	6.44
DCB Decachlorobiphenyl	16.76	16.71	16.81

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD2.i/1J111612.b/jk16022.d
Lab Smp Id: ICV-2863255;PEST
Inj Date : 17-NOV-2012 08:58
Operator : Inst ID: SGJECD2.i
Smp Info : ICV-2863255;PEST~1J111612
Misc Info :
Comment :
Method : /chem/SG/SGJECD2.i/1J111612.b/j3-808182-e2.m
Meth Date : 19-Nov-2012 15:38 meincke Quant Type: ISTD
Cal Date : 17-NOV-2012 08:34 Cal File: jk16021.d
Als bottle: 22 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SGPEST.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.784	4.784	(1.000)	32579682	32579682	0.10000	0.100	80.00- 120.00	100.00
\$	2	Tetrachloro-m-xylene				CAS #: 877-09-8		
6.392	6.392	(1.336)	11900195	11900195	0.04000	0.0376	80.00- 120.00	100.00
5	alpha-BHC					CAS #: 319-84-6		
7.542	7.542	(1.577)	8856276	8856276	0.02000	0.0193	80.00- 120.00	100.00
6	gamma-BHC (Lindane)					CAS #: 58-89-9		
8.209	8.209	(1.716)	8094978	8094978	0.02000	0.0191	80.00- 120.00	100.00
7	beta-BHC					CAS #: 319-85-7		
8.370	8.370	(1.750)	3508201	3508201	0.02000	0.0189	80.00- 120.00	100.00
8	delta-BHC					CAS #: 319-86-8		
8.907	8.907	(1.862)	7642742	7642742	0.02000	0.0191	80.00- 120.00	100.00
9	Heptachlor					CAS #: 76-44-8		
9.012	9.012	(1.884)	6004194	6004194	0.02000	0.0168	80.00- 120.00	100.00
10	Aldrin					CAS #: 309-00-2		
9.594	9.594	(2.005)	7680728	7680728	0.02000	0.0191	80.00- 120.00	100.00
13	Heptachlor epoxide					CAS #: 1024-57-3		
10.617	10.617	(2.219)	6901993	6901993	0.02000	0.0188	80.00- 120.00	100.00

RT	EXP RT (REL RT)	AMOUNTS		TARGET RANGE	RATIO
		CAL-AMT =====	ON-COL =====		
14	gamma-Chlordane		CAS #: 5103-74-2		
10.950	10.950 (2.289)	7127056	7127056 0.02000	0.0190 80.00- 120.00	100.00
15	alpha-Chlordane		CAS #: 5103-71-9		
11.209	11.209 (2.343)	6989098	6989098 0.02000	0.0190 80.00- 120.00	100.00
16	4,4'-DDE		CAS #: 72-55-9		
11.519	11.519 (2.408)	6417126	6417126 0.02000	0.0191 80.00- 120.00	100.00
17	Endosulfan I		CAS #: 959-98-8		
11.300	11.300 (2.362)	6497789	6497789 0.02000	0.0190 80.00- 120.00	100.00
19	Dieldrin		CAS #: 60-57-1		
11.777	11.777 (2.462)	6461965	6461965 0.02000	0.0186 80.00- 120.00	100.00
21	Endrin		CAS #: 72-20-8		
12.300	12.300 (2.571)	4163898	4163898 0.02000	0.0174 80.00- 120.00	100.00
22	4,4'-DDD		CAS #: 72-54-8		
12.517	12.517 (2.617)	4301030	4301030 0.02000	0.0164 80.00- 120.00	100.00
25	Endosulfan II		CAS #: 33213-65-9		
12.669	12.669 (2.648)	5625632	5625632 0.02000	0.0186 80.00- 120.00	100.00
26	4,4'-DDT		CAS #: 50-29-3		
13.055	13.055 (2.729)	3875204	3875204 0.02000	0.0168 80.00- 120.00	100.00
27	Endrin aldehyde		CAS #: 7421-93-4		
13.252	13.252 (2.770)	4186104	4186104 0.02000	0.0180 80.00- 120.00	100.00
28	Methoxychlor		CAS #: 72-43-5		
14.245	14.245 (2.978)	1654475	1654475 0.02000	0.0143 80.00- 120.00	100.00
30	Endosulfan sulfate		CAS #: 1031-07-8		
13.729	13.729 (2.870)	4986888	4986888 0.02000	0.0181 80.00- 120.00	100.00
31	Endrin ketone		CAS #: 53494-70-5		
14.642	14.642 (3.061)	5947004	5947004 0.02000	0.0181 80.00- 120.00	100.00
\$ 32	DCB Decachlorobiphenyl		CAS #: 2051-24-3		
16.764	16.764 (3.504)	8997205	8997205 0.04000	0.0362 80.00- 120.00	100.00

Data File: jk16022.d

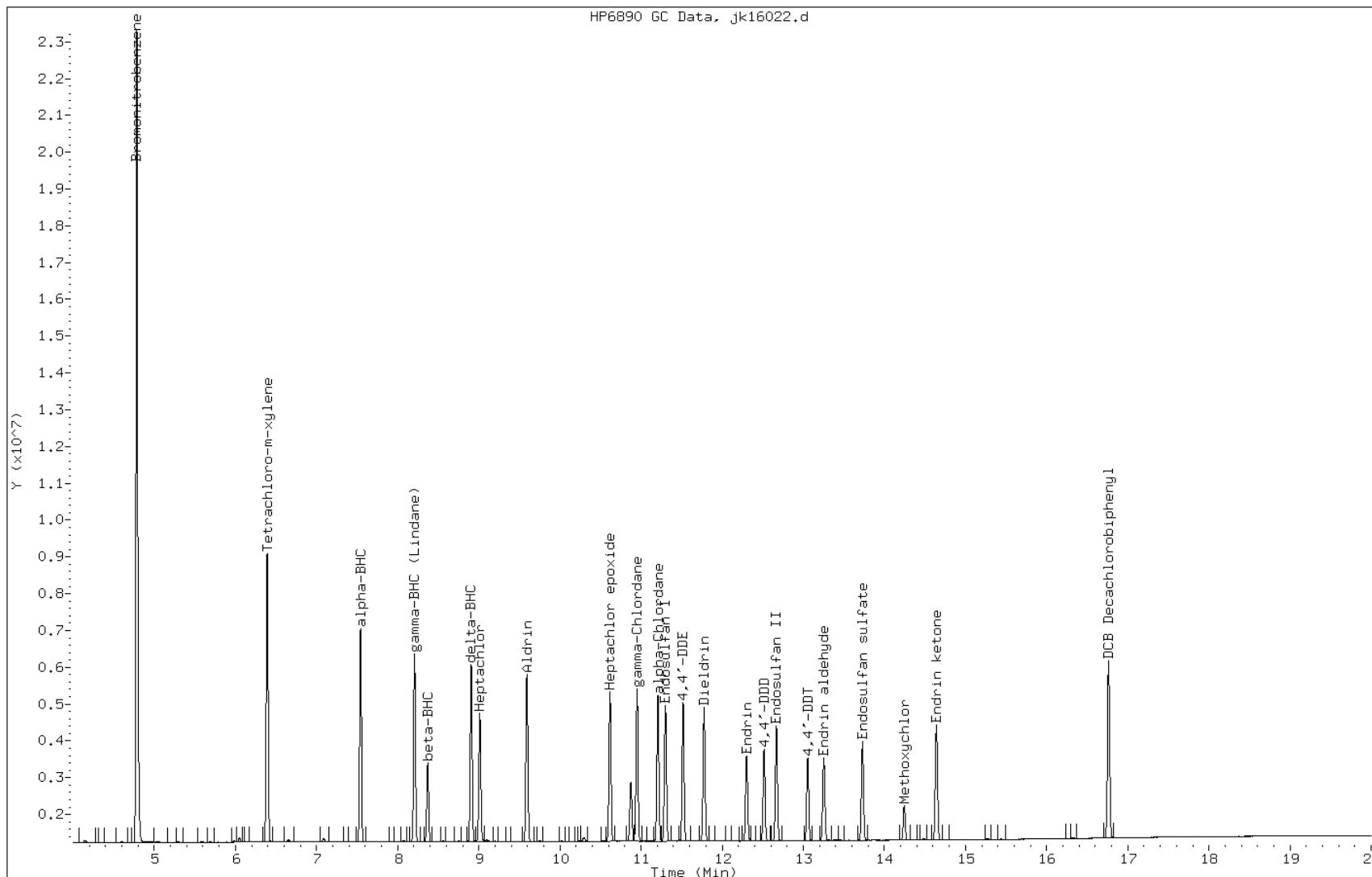
Date: 17-NOV-2012 08:58

Client ID:

Instrument: SGJECD2.i

Sample Info: ICV-2863255;PEST~1J111612

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: ICV 680-257224/40	Calibration Date: 11/19/2012 11:04
Instrument ID: SGJ	Calib Start Date: 11/16/2012 14:43
GC Column: CLP I ID: 0.32 (mm)	Calib End Date: 11/16/2012 16:44
Lab File ID: jk16146.d	Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0333	0.0325		977	1000	-2.3	20.0
PCB-1016 Peak 2	Ave	0.0397	0.0399		1000	1000	0.3	20.0
PCB-1016 Peak 3	Ave	0.0251	0.0244		974	1000	-2.6	20.0
PCB-1016 Peak 4	Ave	0.0179	0.0176		983	1000	-1.7	20.0
PCB-1016 Peak 5	Ave	0.0167	0.0119		716	1000	-28.4*	20.0
PCB-1260 Peak 1	Ave	0.0299	0.0315		1050	1000	5.0	20.0
PCB-1260 Peak 2	Ave	0.0170	0.0175		1030	1000	2.8	20.0
PCB-1260 Peak 3	Ave	0.0167	0.0166		999	1000	-0.1	20.0
PCB-1260 Peak 4	Ave	0.0719	0.0735		1020	1000	2.3	20.0
PCB-1260 Peak 5	Ave	0.0413	0.0376		911	1000	-8.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: ICV 680-257224/40 Calibration Date: 11/19/2012 11:04
Instrument ID: SGJ Calib Start Date: 11/16/2012 14:43
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/16/2012 16:44
Lab File ID: jk16146.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	7.96	7.91	8.01
PCB-1016 Peak 2	8.82	8.77	8.87
PCB-1016 Peak 3	9.06	9.01	9.11
PCB-1016 Peak 4	9.17	9.12	9.22
PCB-1016 Peak 5	10.46	10.41	10.51
PCB-1260 Peak 1	13.08	13.03	13.13
PCB-1260 Peak 2	13.16	13.11	13.21
PCB-1260 Peak 3	13.58	13.53	13.63
PCB-1260 Peak 4	14.03	13.98	14.08
PCB-1260 Peak 5	14.52	14.47	14.57

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD1.i/1J111612.b/jk16146.d
Lab Smp Id: ICV-2863281;PCB
Inj Date : 19-NOV-2012 11:04
Operator : Inst ID: SGJECD1.i
Smp Info : ICV-2863281;PCB~5J111612
Misc Info :
Comment :
Method : /chem/SG/SGJECD1.i/1J111612.b/j3-808182-e1.m
Meth Date : 20-Nov-2012 09:40 meincke Quant Type: ISTD
Cal Date : 17-NOV-2012 15:49 Cal File: jk16039.d
Als bottle: 54 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

RT	EXP RT	(REL RT)	CAL-AMT	ON-COL				
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
5.180 5.180 (1.000) 134695681 134695681 0.10000 0.100 80.00- 120.00 100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
6.631 6.631 (1.280) 52533415 52533415 0.03200 0.0397 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.965 7.965 (1.538) 43765231 43765231 1.00000 0.977 80.00- 120.00 100.00
8.825 8.825 (1.704) 53679599 53679599 1.00000 1.00 105.00- 145.00 122.65
9.061 9.061 (1.749) 32907991 32907991 1.00000 0.974 69.49- 109.49 75.19
9.175 9.175 (1.771) 23647761 23647761 1.00000 0.983 39.45- 79.45 54.03
10.460 10.460 (2.019) 16086682 16086682 1.00000 0.716 32.13- 72.13 36.76
Average of Peak Amounts = 0.93

40 Aroclor-1260 CAS #: 11096-82-5
13.078 13.078 (2.525) 42365264 42365264 1.00000 1.05 80.00- 120.00 100.00
13.161 13.161 (2.541) 23560164 23560164 1.00000 1.03 33.05- 73.05 55.61
13.578 13.578 (2.621) 22402945 22402945 1.00000 0.998 31.49- 71.49 52.88
14.033 14.033 (2.709) 99011979 99011979 1.00000 1.02 198.60- 238.60 233.71
14.525 14.525 (2.804) 50684609 50684609 1.00000 0.911 88.76- 128.76 119.64
Average of Peak Amounts = 1

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
16.400 16.400 (3.166) 28857271 28857271 0.03200 0.0344 80.00- 120.00 100.00

Data File: jk16146.d

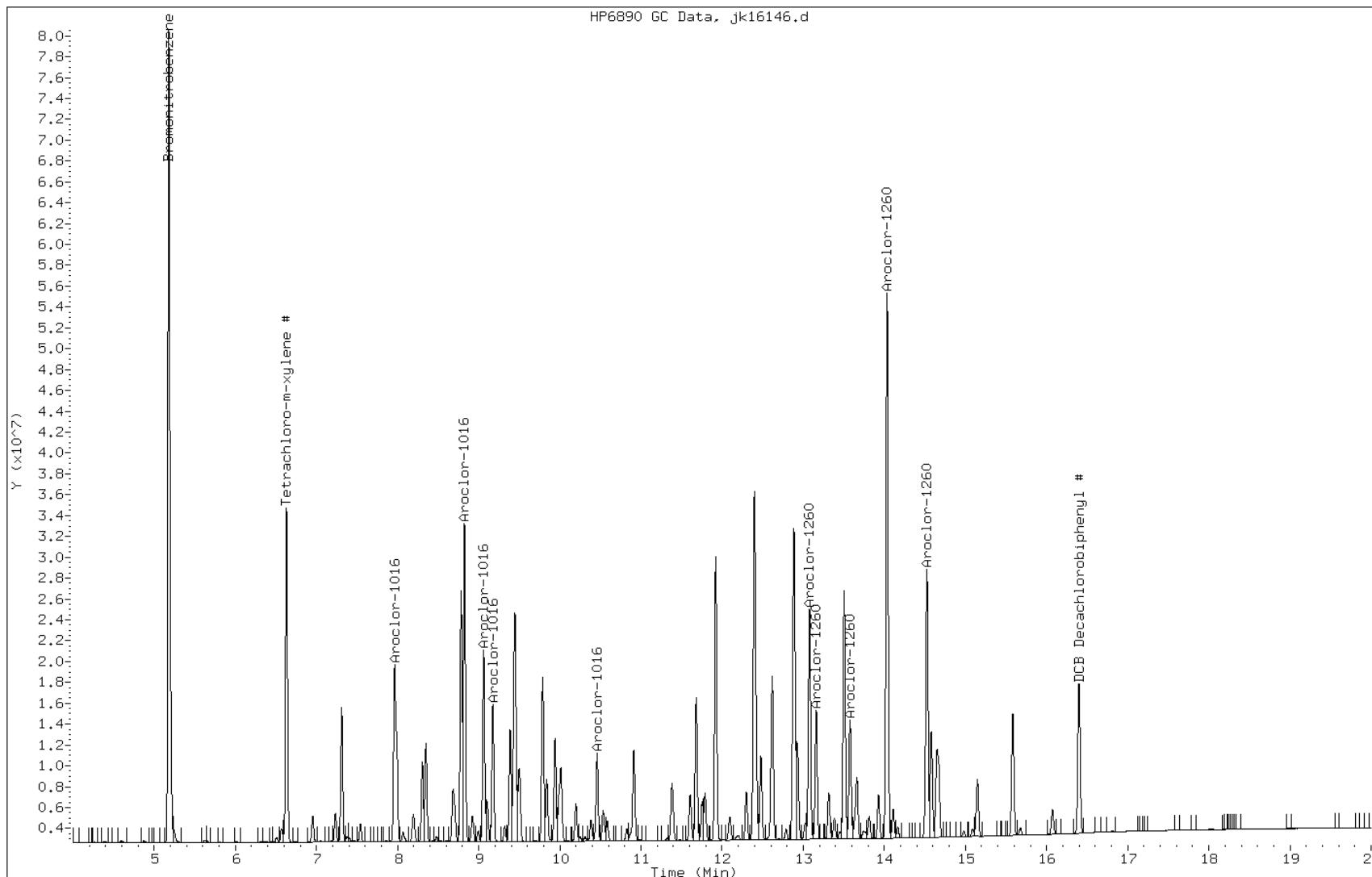
Date: 19-NOV-2012 11:04

Client ID:

Instrument: SGJECD1.i

Sample Info: ICV-2863281; PCB~5J111612

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: ICV 680-257224/40 Calibration Date: 11/19/2012 11:04
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: jk16146.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9606	0.9750		39.7	40.0	1.5	20.0
DCB Decachlorobiphenyl	Ave	0.5915	0.5356		34.5	40.0	-9.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: ICV 680-257224/40 Calibration Date: 11/19/2012 11:04
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: jk16146.d

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	6.63	6.58	6.68
DCB Decachlorobiphenyl	16.40	16.35	16.45

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD1.i/1J111612.b/jk16146.d
Lab Smp Id: ICV-2863281;PCB
Inj Date : 19-NOV-2012 11:04
Operator : Inst ID: SGJECD1.i
Smp Info : ICV-2863281;PCB~5J111612
Misc Info :
Comment :
Method : /chem/SG/SGJECD1.i/1J111612.b/j3-808182-e1.m
Meth Date : 20-Nov-2012 09:40 meincke Quant Type: ISTD
Cal Date : 17-NOV-2012 15:49 Cal File: jk16039.d
Als bottle: 54 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
5.180 5.180 (1.000) 134695681 134695681 0.10000 0.100 80.00- 120.00 100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
6.631 6.631 (1.280) 52533415 52533415 0.03200 0.0397 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.965 7.965 (1.538) 43765231 43765231 1.00000 0.977 80.00- 120.00 100.00
8.825 8.825 (1.704) 53679599 53679599 1.00000 1.00 105.00- 145.00 122.65
9.061 9.061 (1.749) 32907991 32907991 1.00000 0.974 69.49- 109.49 75.19
9.175 9.175 (1.771) 23647761 23647761 1.00000 0.983 39.45- 79.45 54.03
10.460 10.460 (2.019) 16086682 16086682 1.00000 0.716 32.13- 72.13 36.76
Average of Peak Amounts = 0.93

40 Aroclor-1260 CAS #: 11096-82-5
13.078 13.078 (2.525) 42365264 42365264 1.00000 1.05 80.00- 120.00 100.00
13.161 13.161 (2.541) 23560164 23560164 1.00000 1.03 33.05- 73.05 55.61
13.578 13.578 (2.621) 22402945 22402945 1.00000 0.998 31.49- 71.49 52.88
14.033 14.033 (2.709) 99011979 99011979 1.00000 1.02 198.60- 238.60 233.71
14.525 14.525 (2.804) 50684609 50684609 1.00000 0.911 88.76- 128.76 119.64
Average of Peak Amounts = 1

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
16.400 16.400 (3.166) 28857271 28857271 0.03200 0.0344 80.00- 120.00 100.00

Data File: jk16146.d

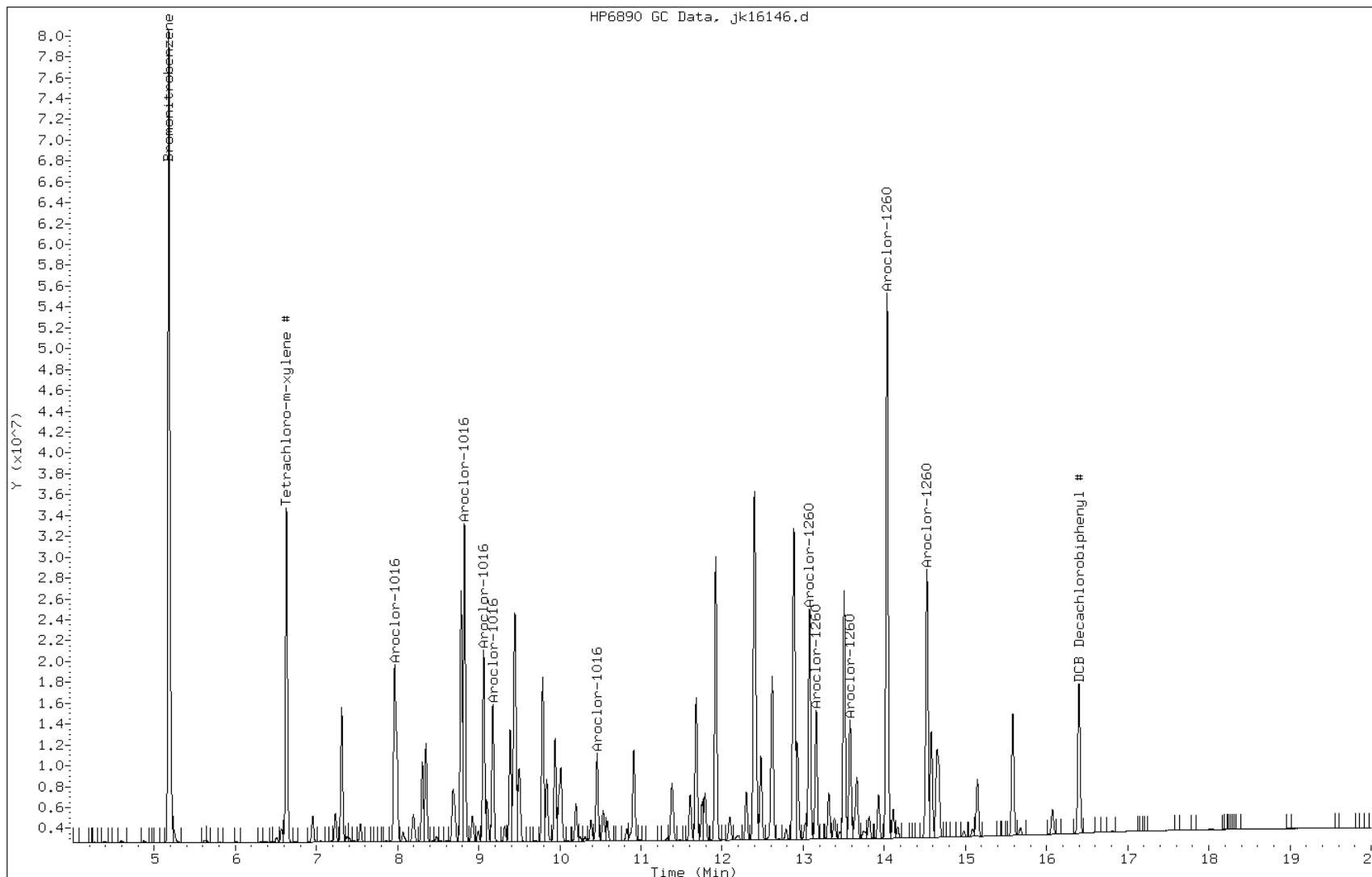
Date: 19-NOV-2012 11:04

Client ID:

Instrument: SGJECD1.i

Sample Info: ICV-2863281; PCB~5J111612

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: ICV 680-257224/40 Calibration Date: 11/19/2012 11:04
Instrument ID: SGJ Calib Start Date: 11/16/2012 14:43
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/16/2012 16:44
Lab File ID: jk16146.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0237	0.0232		979	1000	-2.1	20.0
PCB-1016 Peak 2	Ave	0.0107	0.0108		1010	1000	0.9	20.0
PCB-1016 Peak 3	Ave	0.0144	0.0144		1000	1000	0.2	20.0
PCB-1016 Peak 4	Ave	0.0444	0.0434		979	1000	-2.1	20.0
PCB-1016 Peak 5	Ave	0.0306	0.0303		989	1000	-1.1	20.0
PCB-1260 Peak 1	Ave	0.0353	0.0369		1040	1000	4.4	20.0
PCB-1260 Peak 2	Ave	0.0198	0.0206		1040	1000	4.1	20.0
PCB-1260 Peak 3	Ave	0.0387	0.0400		1030	1000	3.4	20.0
PCB-1260 Peak 4	Ave	0.0192	0.0195		1020	1000	1.5	20.0
PCB-1260 Peak 5	Ave	0.0861	0.0888		1030	1000	3.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: ICV 680-257224/40 Calibration Date: 11/19/2012 11:04
Instrument ID: SGJ Calib Start Date: 11/16/2012 14:43
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/16/2012 16:44
Lab File ID: jk16146.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	8.02	7.97	8.07
PCB-1016 Peak 2	8.40	8.35	8.45
PCB-1016 Peak 3	8.46	8.41	8.51
PCB-1016 Peak 4	8.84	8.79	8.89
PCB-1016 Peak 5	9.07	9.02	9.12
PCB-1260 Peak 1	13.21	13.16	13.26
PCB-1260 Peak 2	13.31	13.26	13.36
PCB-1260 Peak 3	13.72	13.67	13.77
PCB-1260 Peak 4	13.84	13.79	13.89
PCB-1260 Peak 5	14.15	14.10	14.20

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD2.i/1J111612.b/jk16146.d
Lab Smp Id: ICV-2863281;PCB
Inj Date : 19-NOV-2012 11:04
Operator : Inst ID: SGJECD2.i
Smp Info : ICV-2863281;PCB~5J111612
Misc Info :
Comment :
Method : /chem/SG/SGJECD2.i/1J111612.b/j3-808182-e2.m
Meth Date : 20-Nov-2012 09:50 meincke Quant Type: ISTD
Cal Date : 17-NOV-2012 17:01 Cal File: jk16042.d
Als bottle: 54 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

RT	EXP RT	(REL RT)	CAL-AMT	ON-COL				
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.786 4.786 (1.000) 31025100 31025100 0.10000 0.100 80.00- 120.00 100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
6.394 6.394 (1.336) 12393624 12393624 0.03200 0.0396 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
8.017 8.017 (1.675) 7187861 7187861 1.00000 0.979 80.00- 120.00 100.00
8.397 8.397 (1.755) 3351213 3351213 1.00000 1.01 21.81- 61.81 46.62
8.457 8.457 (1.767) 4466116 4466116 1.00000 1.00 57.04- 97.04 62.13
8.841 8.841 (1.847) 13477753 13477753 1.00000 0.978 244.79- 284.79 187.51
9.072 9.072 (1.896) 9390286 9390286 1.00000 0.989 130.07- 170.07 130.64
Average of Peak Amounts = 0.992

40 Aroclor-1260 CAS #: 11096-82-5
13.212 13.212 (2.761) 11440448 11440448 1.00000 1.04 80.00- 120.00 100.00
13.307 13.307 (2.781) 6386305 6386305 1.00000 1.04 36.84- 76.84 55.82
13.721 13.721 (2.867) 12410548 12410548 1.00000 1.03 84.02- 124.02 108.48
13.842 13.842 (2.892) 6053060 6053060 1.00000 1.02 29.57- 69.57 52.91
14.146 14.146 (2.956) 27538181 27538181 1.00000 1.03 196.99- 236.99 240.71
Average of Peak Amounts = 1.03

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
16.764 16.764 (3.503) 8795185 8795185 0.03200 0.0353 80.00- 120.00 100.00

Data File: jk16146.d

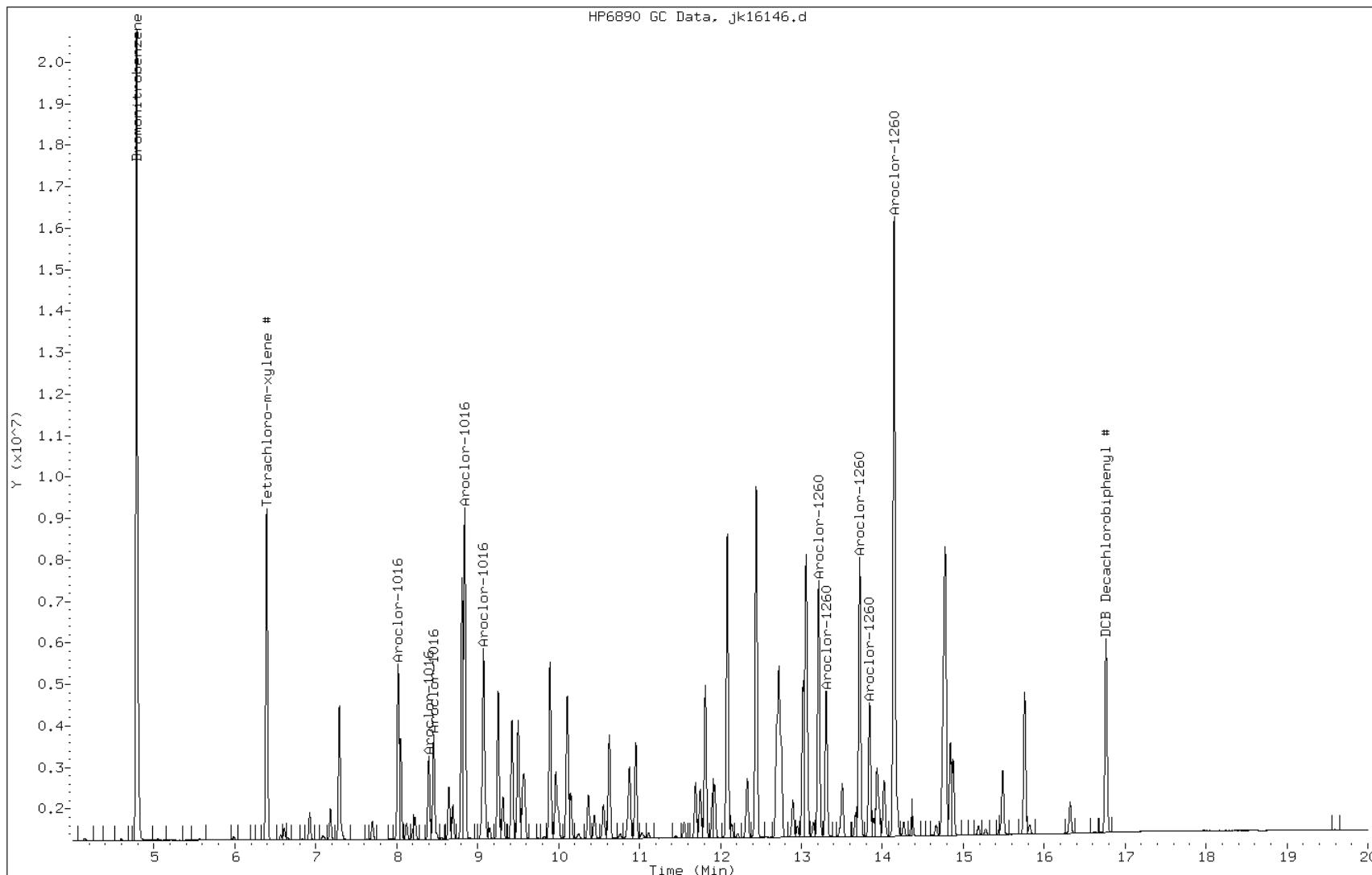
Date: 19-NOV-2012 11:04

Client ID:

Instrument: SGJECD2.i

Sample Info: ICV-2863281;PCB~5J111612

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: ICV 680-257224/40 Calibration Date: 11/19/2012 11:04
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: jk16146.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9704	0.999		39.6	40.0	2.9	20.0
DCB Decachlorobiphenyl	Ave	0.7618	0.7087		35.3	40.0	-7.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: ICV 680-257224/40 Calibration Date: 11/19/2012 11:04
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: jk16146.d

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	6.39	6.34	6.44
DCB Decachlorobiphenyl	16.76	16.71	16.81

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD2.i/1J111612.b/jk16146.d
Lab Smp Id: ICV-2863281;PCB
Inj Date : 19-NOV-2012 11:04
Operator : Inst ID: SGJECD2.i
Smp Info : ICV-2863281;PCB~5J111612
Misc Info :
Comment :
Method : /chem/SG/SGJECD2.i/1J111612.b/j3-808182-e2.m
Meth Date : 20-Nov-2012 09:50 meincke Quant Type: ISTD
Cal Date : 17-NOV-2012 17:01 Cal File: jk16042.d
Als bottle: 54 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.786	4.786	(1.000)	31025100	31025100	0.10000	0.100	80.00- 120.00	100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
6.394 6.394 (1.336) 12393624 12393624 0.03200 0.0396 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
8.017 8.017 (1.675) 7187861 7187861 1.00000 0.979 80.00- 120.00 100.00
8.397 8.397 (1.755) 3351213 3351213 1.00000 1.01 21.81- 61.81 46.62
8.457 8.457 (1.767) 4466116 4466116 1.00000 1.00 57.04- 97.04 62.13
8.841 8.841 (1.847) 13477753 13477753 1.00000 0.978 244.79- 284.79 187.51
9.072 9.072 (1.896) 9390286 9390286 1.00000 0.989 130.07- 170.07 130.64
Average of Peak Amounts = 0.992

40 Aroclor-1260 CAS #: 11096-82-5
13.212 13.212 (2.761) 11440448 11440448 1.00000 1.04 80.00- 120.00 100.00
13.307 13.307 (2.781) 6386305 6386305 1.00000 1.04 36.84- 76.84 55.82
13.721 13.721 (2.867) 12410548 12410548 1.00000 1.03 84.02- 124.02 108.48
13.842 13.842 (2.892) 6053060 6053060 1.00000 1.02 29.57- 69.57 52.91
14.146 14.146 (2.956) 27538181 27538181 1.00000 1.03 196.99- 236.99 240.71
Average of Peak Amounts = 1.03

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
16.764 16.764 (3.503) 8795185 8795185 0.03200 0.0353 80.00- 120.00 100.00

Data File: jk16146.d

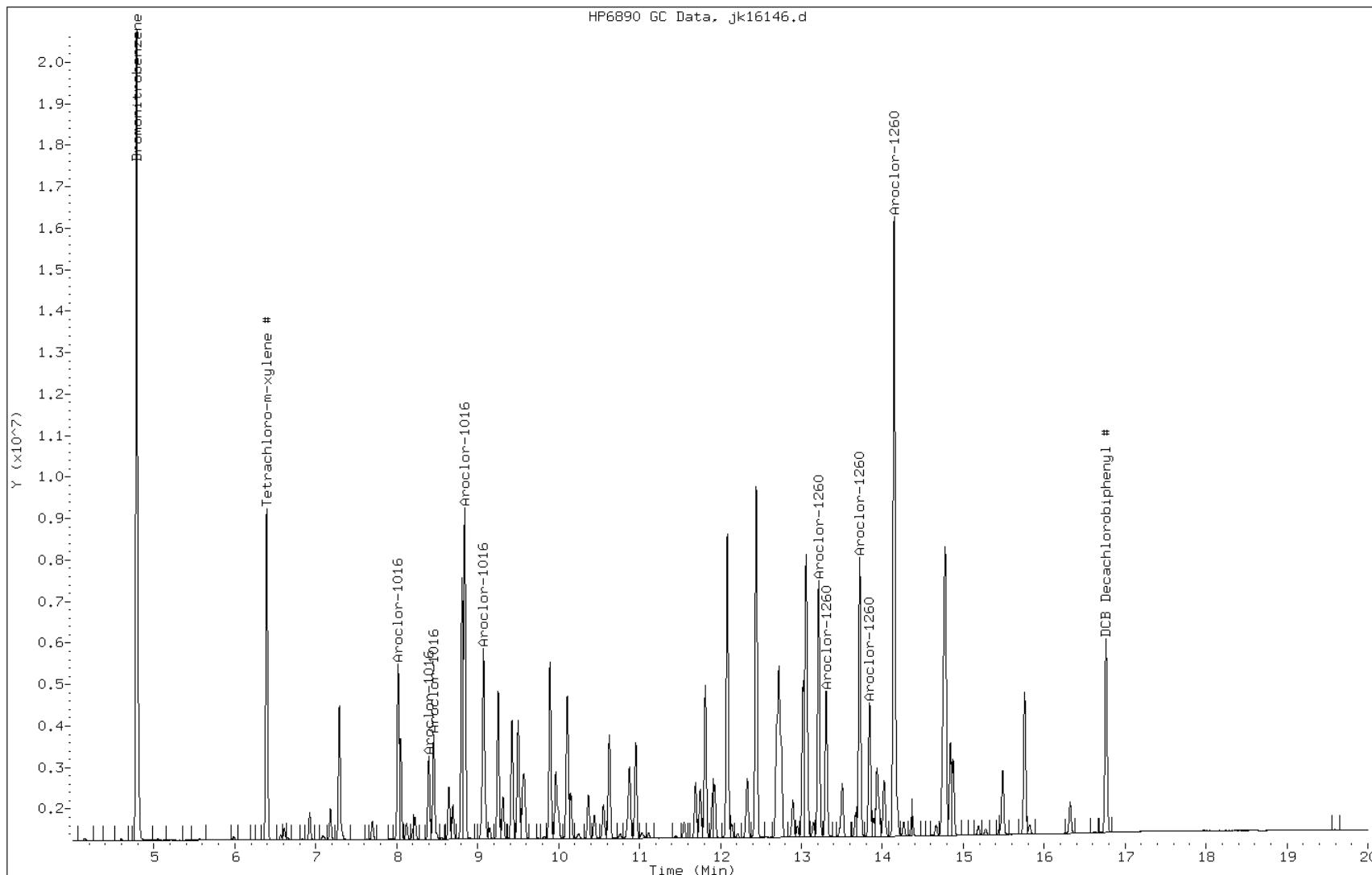
Date: 19-NOV-2012 11:04

Client ID:

Instrument: SGJECD2.i

Sample Info: ICV-2863281;PCB~5J111612

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: ICV 680-257447/14

Calibration Date: 11/21/2012 19:55

Instrument ID: SGJ

Calib Start Date: 11/21/2012 17:27

GC Column: CLP I ID: 0.32 (mm)

Calib End Date: 11/21/2012 19:31

Lab File ID: jk21015.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0115	0.0099		949	1000	-14.0	20.0
PCB-1221 Peak 2	Ave	0.0086	0.0068		901	1000	-20.9*	20.0
PCB-1221 Peak 3	Ave	0.0273	0.0232		943	1000	-15.2	20.0
PCB-1254 Peak 1	Ave	0.0314	0.0318		1010	1000	1.3	20.0
PCB-1254 Peak 2	Ave	0.0424	0.0434		1020	1000	2.3	20.0
PCB-1254 Peak 3	Ave	0.0565	0.0587		1040	1000	3.8	20.0
PCB-1254 Peak 4	Ave	0.0415	0.0423		973	1000	2.0	20.0
PCB-1254 Peak 5	Ave	0.0387	0.0384		954	1000	-0.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: ICV 680-257447/14 Calibration Date: 11/21/2012 19:55
Instrument ID: SGJ Calib Start Date: 11/21/2012 17:27
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/21/2012 19:31
Lab File ID: jk21015.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	6.94	6.89	6.99
PCB-1221 Peak 2	7.22	7.17	7.27
PCB-1221 Peak 3	7.30	7.25	7.35
PCB-1254 Peak 1	10.45	10.40	10.50
PCB-1254 Peak 2	10.90	10.85	10.95
PCB-1254 Peak 3	11.60	11.55	11.65
PCB-1254 Peak 4	12.08	12.03	12.13
PCB-1254 Peak 5	12.39	12.34	12.44

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD1.i/1J112112.b/jk21015.d
Lab Smp Id: ICV-;21/54-ICV
Inj Date : 21-NOV-2012 19:55
Operator : Inst ID: SGJECD1.i
Smp Info : ICV-;21/54-ICV~1J112112
Misc Info :
Comment :
Method : /chem/SG/SGJECD1.i/1J112112.b/j3-808182-e1.m
Meth Date : 23-Nov-2012 12:50 meincke Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 15 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG2154.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
5.168 5.168 (1.000) 132004980 132004980 0.10000 0.100 80.00- 120.00 100.00

35 Aroclor-1221 CAS #: 11104-28-2
6.942 6.942 (1.343) 13004931 13004931 1.00000 0.949 80.00- 120.00 100.00
7.220 7.220 (1.397) 9004506 9004506 1.00000 0.900 36.22- 76.22 69.24
7.298 7.298 (1.412) 30556201 30556201 1.00000 0.943 225.49- 265.49 234.96

Average of Peak Amounts = 0.931

39 Aroclor-1254 CAS #: 11097-69-1
10.448 10.448 (2.022) 41952083 41952083 1.00000 1.01 80.00- 120.00 100.00
10.900 10.900 (2.109) 57316955 57316955 1.00000 1.02 110.79- 150.79 136.62
11.597 11.597 (2.244) 77490015 77490015 1.00000 1.04 147.87- 187.87 184.71
12.077 12.077 (2.337) 55811031 55811031 1.00000 0.973 35.73- 75.73 133.04
12.390 12.390 (2.397) 50703936 50703936 1.00000 0.954 0.00- 20.00 120.86

Average of Peak Amounts = 1

Data File: jk21015.d

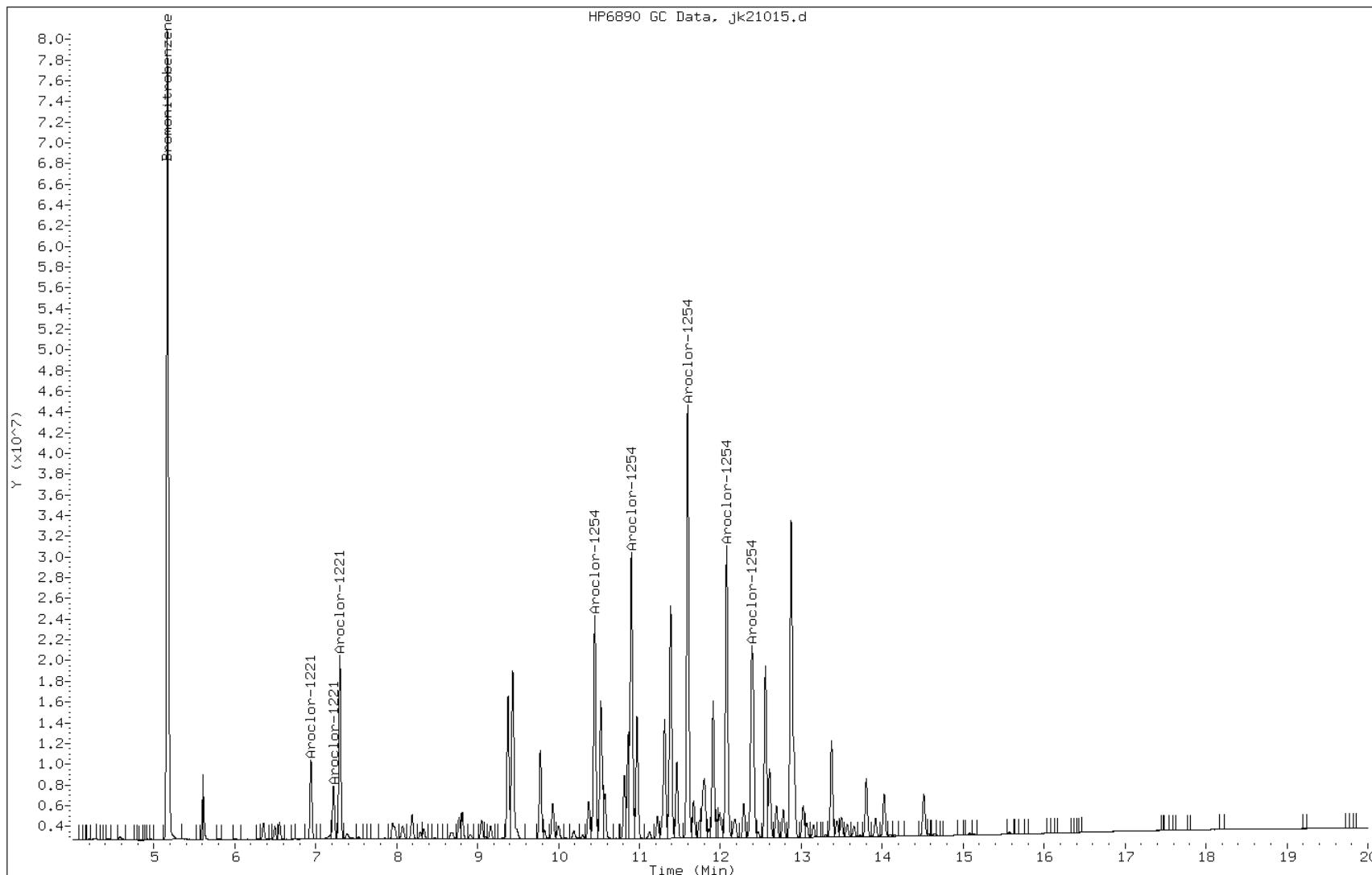
Date: 21-NOV-2012 19:55

Client ID:

Instrument: SGJECD1.i

Sample Info: ICV-;21/54-ICV~1J112112

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: ICV 680-257447/14	Calibration Date: 11/21/2012 19:55
Instrument ID: SGJ	Calib Start Date: 11/21/2012 17:27
GC Column: CLP II	Calib End Date: 11/21/2012 19:31
Lab File ID: jk21015.d	Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0106	0.0103		968	1000	-3.2	20.0
PCB-1221 Peak 2	Ave	0.0070	0.0069		985	1000	-1.5	20.0
PCB-1221 Peak 3	Ave	0.0255	0.0247		967	1000	-3.3	20.0
PCB-1254 Peak 1	Ave	0.0375	0.0385		1030	1000	2.7	20.0
PCB-1254 Peak 2	Ave	0.0421	0.0431		1020	1000	2.4	20.0
PCB-1254 Peak 3	Ave	0.0618	0.0651		1050	1000	5.4	20.0
PCB-1254 Peak 4	Ave	0.0436	0.0452		1040	1000	3.8	20.0
PCB-1254 Peak 5	Ave	0.0369	0.0386		1050	1000	4.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: ICV 680-257447/14 Calibration Date: 11/21/2012 19:55
Instrument ID: SGJ Calib Start Date: 11/21/2012 17:27
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/21/2012 19:31
Lab File ID: jk21015.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	6.92	6.87	6.97
PCB-1221 Peak 2	7.17	7.12	7.22
PCB-1221 Peak 3	7.28	7.23	7.33
PCB-1254 Peak 1	10.62	10.57	10.67
PCB-1254 Peak 2	10.95	10.90	11.00
PCB-1254 Peak 3	11.74	11.69	11.79
PCB-1254 Peak 4	12.13	12.08	12.18
PCB-1254 Peak 5	12.73	12.68	12.78

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD2.i/1J112112.b/jk21015.d
Lab Smp Id: ICV-;21/54-ICV
Inj Date : 21-NOV-2012 19:55
Operator : Inst ID: SGJECD2.i
Smp Info : ICV-;21/54-ICV~1J112112
Misc Info :
Comment :
Method : /chem/SG/SGJECD2.i/1J112112.b/j3-808182-e2.m
Meth Date : 23-Nov-2012 12:33 meincke Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 15 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG2154.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

RT	EXP RT	(REL RT)	CAL-AMT	ON-COL	
==	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.776 4.776 (1.000) 31942441 31942441 0.10000 0.100 80.00- 120.00 100.00

35 Aroclor-1221 CAS #: 11104-28-2
6.918 6.918 (1.448) 3273048 3273048 1.00000 0.968 80.00- 120.00 100.00
7.173 7.173 (1.502) 2212515 2212515 1.00000 0.985 39.54- 79.54 67.60
7.283 7.283 (1.525) 7887829 7887829 1.00000 0.967 237.20- 277.20 240.99

Average of Peak Amounts = 0.973

39 Aroclor-1254 CAS #: 11097-69-1
10.618 10.618 (2.223) 12299962 12299962 1.00000 1.03 80.00- 120.00 100.00
10.946 10.946 (2.292) 13757907 13757907 1.00000 1.02 77.34- 117.34 111.85
11.741 11.741 (2.458) 20793083 20793083 1.00000 1.05 116.51- 156.51 169.05
12.131 12.131 (2.540) 14446306 14446306 1.00000 1.04 83.59- 123.59 117.45
12.731 12.731 (2.666) 12334659 12334659 1.00000 1.05 19.72- 59.72 100.28

Average of Peak Amounts = 1.04

Data File: jk21015.d

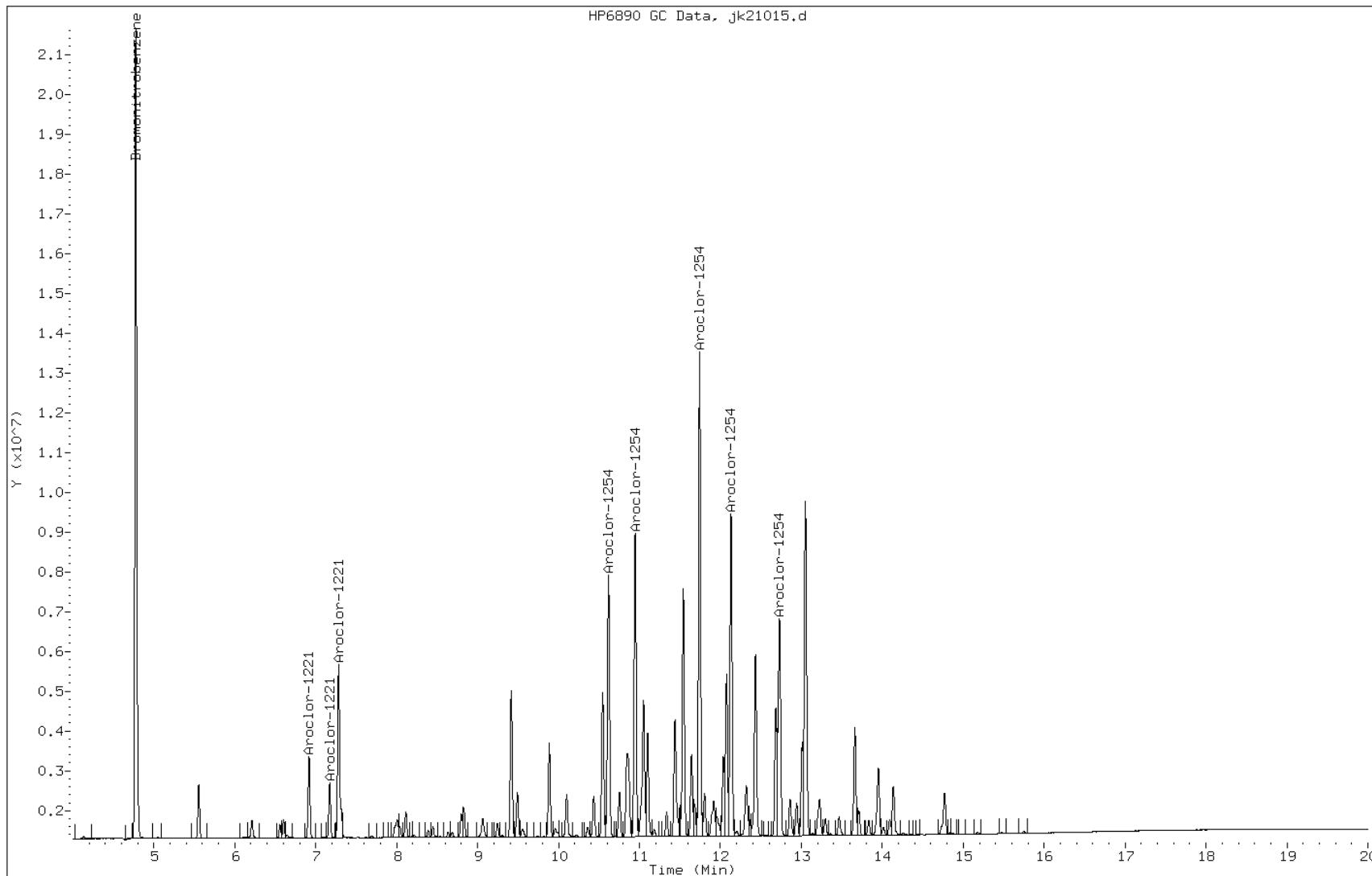
Date: 21-NOV-2012 19:55

Client ID:

Instrument: SGJECD2.i

Sample Info: ICV-;21/54-ICV~1J112112

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: CCVIS 680-260665/2 Calibration Date: 12/19/2012 12:20

Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09

GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34

Lab File ID: j119003.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.352	1.391		20.6	20.0	2.9	20.0
gamma-BHC (Lindane)	Ave	1.256	1.289		20.5	20.0	2.6	20.0
beta-BHC	Ave	0.5471	0.5608		20.5	20.0	2.5	20.0
delta-BHC	Ave	1.174	1.124		19.2	20.0	-4.2	20.0
Heptachlor	Ave	1.117	1.249		22.4	20.0	11.8	20.0
Aldrin	Ave	1.141	1.235		21.6	20.0	8.2	20.0
Heptachlor epoxide	Ave	1.065	1.159		21.8	20.0	8.8	20.0
gamma-Chlordane	Ave	1.050	1.150		21.9	20.0	9.5	
alpha-Chlordane	Ave	1.029	1.122		21.8	20.0	9.0	
4,4'-DDE	Ave	0.9153	1.045		22.8	20.0	14.2	20.0
Endosulfan I	Ave	0.9464	0.9148		19.3	20.0	-3.3	20.0
Dieldrin	Ave	0.9841	1.117		22.7	20.0	13.5	20.0
Endrin	Ave	0.7065	0.9249		26.2	20.0	30.9*	20.0
4,4'-DDD	Ave	0.7390	0.8282		22.4	20.0	12.1	20.0
Endosulfan II	Ave	0.8615	0.8289		19.2	20.0	-3.8	20.0
4,4'-DDT	Ave	0.6772	0.7424		21.9	20.0	9.6	20.0
Endrin aldehyde	Ave	0.6301	0.6294		20.0	20.0	-0.1	20.0
Methoxychlor	Ave	0.3716	0.4226		22.7	20.0	13.7	20.0
Endosulfan sulfate	Ave	0.7476	0.7990		21.4	20.0	6.9	20.0
Endrin ketone	Ave	0.8965	0.9082		20.3	20.0	1.3	20.0
Tetrachloro-m-xylene	Ave	0.9606	0.997		41.5	40.0	3.8	20.0
DCB Decachlorobiphenyl	Ave	0.5915	0.6844		46.3	40.0	15.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: CCVIS 680-260665/2	Calibration Date: 12/19/2012 12:20
Instrument ID: SGJ	Calib Start Date: 11/16/2012 19:09
GC Column: CLP I ID: 0.32 (mm)	Calib End Date: 11/17/2012 08:34
Lab File ID: j119003.d	

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	7.17	7.12	7.22
gamma-BHC (Lindane)	7.75	7.70	7.80
beta-BHC	7.92	7.87	7.97
delta-BHC	8.24	8.19	8.29
Heptachlor	8.62	8.57	8.67
Aldrin	9.16	9.11	9.21
Heptachlor epoxide	10.23	10.18	10.28
gamma-Chlordane	10.45	10.40	10.50
alpha-Chlordane	10.68	10.63	10.73
4,4'-DDE	10.83	10.78	10.88
Endosulfan I	10.92	10.87	10.97
Dieldrin	11.33	11.28	11.38
Endrin	11.73	11.68	11.78
4,4'-DDD	11.86	11.81	11.91
Endosulfan II	12.11	12.06	12.16
4,4'-DDT	12.34	12.29	12.39
Endrin aldehyde	12.83	12.78	12.88
Methoxychlor	13.17	13.12	13.22
Endosulfan sulfate	13.57	13.52	13.62
Endrin ketone	14.05	14.00	14.10
Tetrachloro-m-xylene	6.14	6.09	6.19
DCB Decachlorobiphenyl	15.77	15.72	15.82

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD1.i/1J121912.b/jl19003.d
Lab Smp Id: CCVIS-2862989;PEST
Inj Date : 19-DEC-2012 12:20
Operator : Inst ID: SGJECD1.i
Smp Info : CCV-2862989;PEST-4~1J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD1.i/1J121912.b/j3-808182-e1.m
Meth Date : 21-Dec-2012 11:22 kellarj Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SGPEST.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.749	4.749	(1.000)	146273870	146273870	0.10000	0.100	80.00- 120.00	100.00
\$	2	Tetrachloro-m-xylene				CAS #: 877-09-8		
6.139	6.139	(1.293)	58322533	58322533	0.04000	0.0415	80.00- 120.00	100.00
5	alpha-BHC					CAS #: 319-84-6		
7.169	7.169	(1.510)	40702623	40702623	0.02000	0.0206	80.00- 120.00	100.00
6	gamma-BHC (Lindane)					CAS #: 58-89-9		
7.752	7.752	(1.632)	37705287	37705287	0.02000	0.0205	80.00- 120.00	100.00
7	beta-BHC					CAS #: 319-85-7		
7.916	7.916	(1.667)	16406446	16406446	0.02000	0.0205	80.00- 120.00	100.00
8	delta-BHC					CAS #: 319-86-8		
8.236	8.236	(1.734)	32895632	32895632	0.02000	0.0192	80.00- 120.00	100.00
9	Heptachlor					CAS #: 76-44-8		
8.617	8.617	(1.815)	36535849	36535849	0.02000	0.0224	80.00- 120.00	100.00
10	Aldrin					CAS #: 309-00-2		
9.156	9.156	(1.928)	36116470	36116470	0.02000	0.0216	80.00- 120.00	100.00
13	Heptachlor epoxide					CAS #: 1024-57-3		
10.231	10.231	(2.154)	33896262	33896262	0.02000	0.0218	80.00- 120.00	100.00

RT	EXP RT (REL RT)	AMOUNTS					
		RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)	TARGET RANGE		RATIO
					=====	=====	
14	gamma-Chlordane		CAS #: 5103-74-2				
10.449	10.449 (2.200)	33635424	33635424	0.02000	0.0219	80.00- 120.00	100.00
15	alpha-Chlordane		CAS #: 5103-71-9				
10.682	10.682 (2.249)	32812097	32812097	0.02000	0.0218	80.00- 120.00	100.00
16	4,4'-DDE		CAS #: 72-55-9				
10.832	10.832 (2.281)	30571083	30571083	0.02000	0.0228	80.00- 120.00	100.00
17	Endosulfan I		CAS #: 959-98-8				
10.916	10.916 (2.299)	26761316	26761316	0.02000	0.0193	80.00- 120.00	100.00
19	Dieldrin		CAS #: 60-57-1				
11.331	11.331 (2.386)	32674366	32674366	0.02000	0.0227	80.00- 120.00	100.00
21	Endrin		CAS #: 72-20-8				
11.727	11.727 (2.469)	27056576	27056576	0.02000	0.0262	80.00- 120.00	100.00
22	4,4'-DDD		CAS #: 72-54-8				
11.859	11.859 (2.497)	24229013	24229013	0.02000	0.0224	80.00- 120.00	100.00
25	Endosulfan II		CAS #: 33213-65-9				
12.111	12.111 (2.550)	24249092	24249092	0.02000	0.0192	80.00- 120.00	100.00
26	4,4'-DDT		CAS #: 50-29-3				
12.336	12.336 (2.598)	21718656	21718656	0.02000	0.0219	80.00- 120.00	100.00
27	Endrin aldehyde		CAS #: 7421-93-4				
12.829	12.829 (2.701)	18411388	18411388	0.02000	0.0200	80.00- 120.00	100.00
28	Methoxychlor		CAS #: 72-43-5				
13.171	13.171 (2.773)	12362812	12362812	0.02000	0.0227	80.00- 120.00	100.00
30	Endosulfan sulfate		CAS #: 1031-07-8				
13.572	13.572 (2.858)	23373273	23373273	0.02000	0.0214	80.00- 120.00	100.00
31	Endrin ketone		CAS #: 53494-70-5				
14.046	14.046 (2.958)	26569277	26569277	0.02000	0.0203	80.00- 120.00	100.00
\$ 32	DCB Decachlorobiphenyl		CAS #: 2051-24-3				
15.771	15.771 (3.321)	40042560	40042560	0.04000	0.0463	80.00- 120.00	100.00

Data File: j119003.d

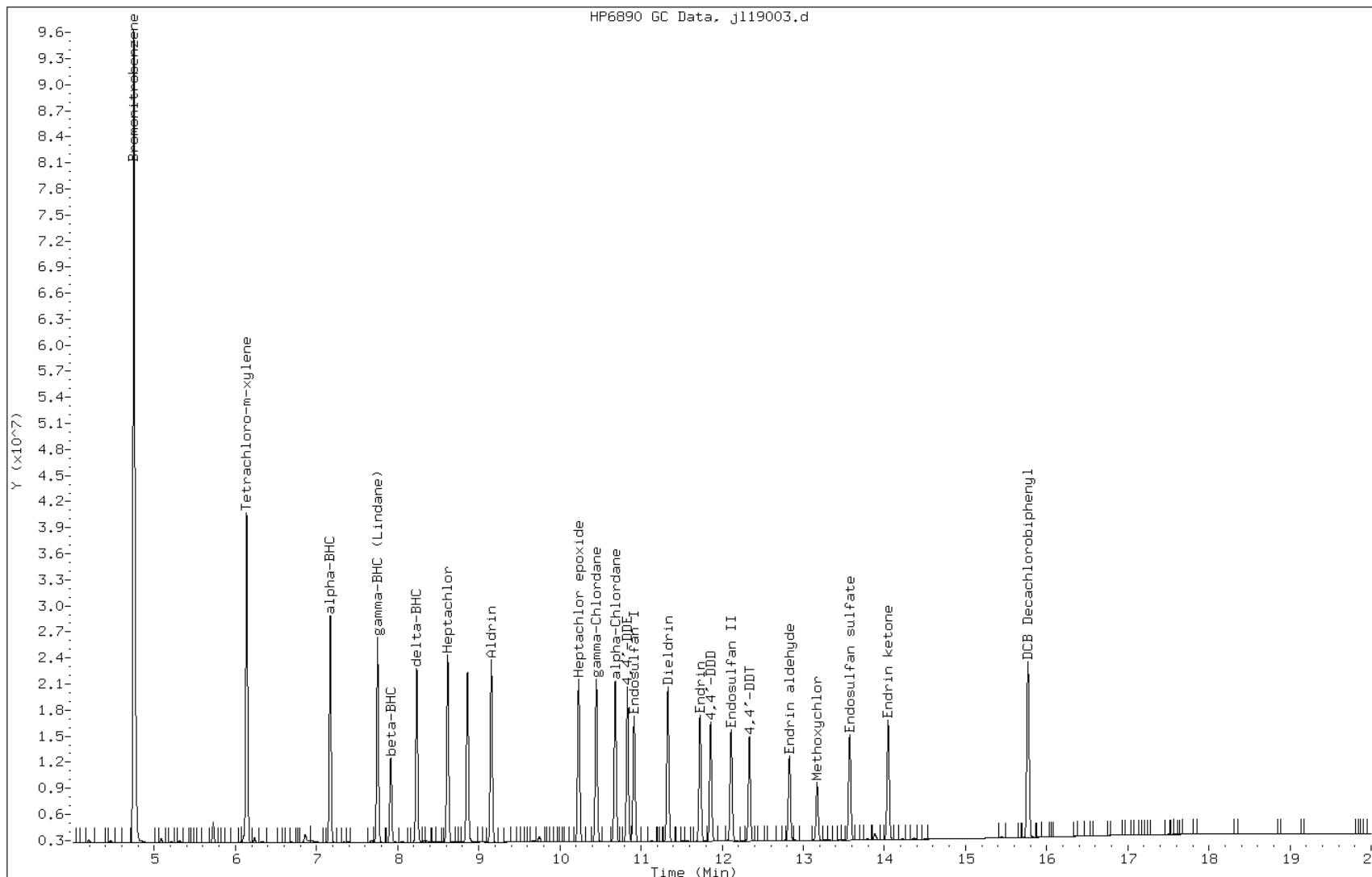
Date: 19-DEC-2012 12:20

Client ID:

Instrument: SGJECD1.i

Sample Info: CCV-2862989;PEST-4~1J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: CCVIS 680-260665/2 Calibration Date: 12/19/2012 12:20

Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09

GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34

Lab File ID: j119003.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.408	1.444		20.5	20.0	2.6	20.0
gamma-BHC (Lindane)	Ave	1.298	1.306		20.1	20.0	0.6	20.0
beta-BHC	Ave	0.5704	0.5860		20.5	20.0	2.7	20.0
delta-BHC	Ave	1.230	1.126		18.3	20.0	-8.4	20.0
Heptachlor	Ave	1.097	1.109		20.2	20.0	1.1	20.0
Aldrin	Ave	1.232	1.328		21.6	20.0	7.8	20.0
Heptachlor epoxide	Ave	1.126	1.216		21.6	20.0	8.0	20.0
gamma-Chlordane	Ave	1.151	1.250		21.7	20.0	8.6	
alpha-Chlordane	Ave	1.129	1.221		21.6	20.0	8.1	
Endosulfan I	Ave	1.049	1.004		19.1	20.0	-4.3	20.0
4,4'-DDE	Ave	1.031	1.153		22.4	20.0	11.8	20.0
Dieldrin	Ave	1.068	1.186		22.2	20.0	11.0	20.0
Endrin	Ave	0.7345	0.8739		23.8	20.0	19.0	20.0
4,4"-DDD	Ave	0.8070	0.8543		21.2	20.0	5.9	20.0
Endosulfan II	Ave	0.9297	0.9138		19.7	20.0	-1.7	20.0
4,4'-DDT	Ave	0.7067	0.6211		17.6	20.0	-12.1	20.0
Endrin aldehyde	Ave	0.7128	0.6925		19.4	20.0	-2.8	20.0
Endosulfan sulfate	Ave	0.8451	0.8781		20.8	20.0	3.9	20.0
Methoxychlor	Ave	0.3543	0.3310		18.7	20.0	-6.6	20.0
Endrin ketone	Ave	1.011	1.034		20.5	20.0	2.3	20.0
Tetrachloro-m-xylene	Ave	0.9704	0.999		41.2	40.0	2.9	20.0
DCB Decachlorobiphenyl	Ave	0.7618	0.9041		47.5	40.0	18.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: CCVIS 680-260665/2	Calibration Date: 12/19/2012 12:20
Instrument ID: SGJ	Calib Start Date: 11/16/2012 19:09
GC Column: CLP II	Calib End Date: 11/17/2012 08:34
Lab File ID: j119003.d	

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	7.08	7.03	7.13
gamma-BHC (Lindane)	7.73	7.68	7.78
beta-BHC	7.90	7.85	7.95
delta-BHC	8.42	8.37	8.47
Heptachlor	8.52	8.47	8.57
Aldrin	9.09	9.04	9.14
Heptachlor epoxide	10.11	10.06	10.16
gamma-Chlordane	10.44	10.39	10.49
alpha-Chlordane	10.69	10.64	10.74
Endosulfan I	10.78	10.73	10.83
4,4'-DDE	11.02	10.97	11.07
Dieldrin	11.25	11.20	11.30
Endrin	11.77	11.72	11.82
4,4'-DDD	12.01	11.96	12.06
Endosulfan II	12.14	12.09	12.19
4,4'-DDT	12.54	12.49	12.59
Endrin aldehyde	12.72	12.67	12.77
Endosulfan sulfate	13.20	13.15	13.25
Methoxychlor	13.74	13.69	13.79
Endrin ketone	14.09	14.04	14.14
Tetrachloro-m-xylene	5.96	5.91	6.01
DCB Decachlorobiphenyl	16.23	16.18	16.28

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD2.i/1J121912.b/jl19003.d
Lab Smp Id: CCVIS-2862989;PEST
Inj Date : 19-DEC-2012 12:20
Operator : Inst ID: SGJECD2.i
Smp Info : CCV-2862989;PEST-4~1J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD2.i/1J121912.b/j3-808182-e2.m
Meth Date : 21-Dec-2012 11:22 kellarj Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SGPEST.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.409	4.409	(1.000)	39929681	39929681	0.10000	0.100	80.00- 120.00	100.00
\$	2	Tetrachloro-m-xylene				CAS #:	877-09-8	
5.956	5.956	(1.351)	15951389	15951389	0.04000	0.0412	80.00- 120.00	100.00
5	alpha-BHC					CAS #:	319-84-6	
7.079	7.079	(1.606)	11531459	11531459	0.02000	0.0205	80.00- 120.00	100.00
6	gamma-BHC (Lindane)					CAS #:	58-89-9	
7.731	7.731	(1.753)	10427139	10427139	0.02000	0.0201	80.00- 120.00	100.00
7	beta-BHC					CAS #:	319-85-7	
7.901	7.901	(1.792)	4679436	4679436	0.02000	0.0205	80.00- 120.00	100.00
8	delta-BHC					CAS #:	319-86-8	
8.424	8.424	(1.911)	8995152	8995152	0.02000	0.0183	80.00- 120.00	100.00
9	Heptachlor					CAS #:	76-44-8	
8.517	8.517	(1.932)	8854629	8854629	0.02000	0.0202	80.00- 120.00	100.00
10	Aldrin					CAS #:	309-00-2	
9.087	9.087	(2.061)	10604616	10604616	0.02000	0.0216	80.00- 120.00	100.00
13	Heptachlor epoxide					CAS #:	1024-57-3	
10.106	10.106	(2.292)	9713116	9713116	0.02000	0.0216	80.00- 120.00	100.00

RT	EXP RT (REL RT)	AMOUNTS		TARGET RANGE	RATIO	
		CAL-AMT	ON-COL			
==	=====	=====	=====	=====	=====	
14	gamma-Chlordane			CAS #: 5103-74-2		
10.437	10.437 (2.367)	9979162	9979162	0.02000	0.0217 80.00- 120.00	100.00
15	alpha-Chlordane			CAS #: 5103-71-9		
10.692	10.692 (2.425)	9748832	9748832	0.02000	0.0216 80.00- 120.00	100.00
16	4,4'-DDE			CAS #: 72-55-9		
11.017	11.017 (2.499)	9206292	9206292	0.02000	0.0224 80.00- 120.00	100.00
17	Endosulfan I			CAS #: 959-98-8		
10.779	10.779 (2.445)	8021097	8021097	0.02000	0.0191 80.00- 120.00	100.00
19	Dieldrin			CAS #: 60-57-1		
11.254	11.254 (2.553)	9472268	9472268	0.02000	0.0222 80.00- 120.00	100.00
21	Endrin			CAS #: 72-20-8		
11.771	11.771 (2.670)	6978799	6978799	0.02000	0.0238 80.00- 120.00	100.00
22	4,4'-DDD			CAS #: 72-54-8		
12.011	12.011 (2.724)	6822178	6822178	0.02000	0.0212 80.00- 120.00	100.00
25	Endosulfan II			CAS #: 33213-65-9		
12.139	12.139 (2.753)	7297604	7297604	0.02000	0.0196 80.00- 120.00	100.00
26	4,4'-DDT			CAS #: 50-29-3		
12.542	12.542 (2.845)	4959716	4959716	0.02000	0.0176 80.00- 120.00	100.00
27	Endrin aldehyde			CAS #: 7421-93-4		
12.722	12.722 (2.886)	5529950	5529950	0.02000	0.0194 80.00- 120.00	100.00
28	Methoxychlor			CAS #: 72-43-5		
13.737	13.737 (3.116)	2643443	2643443	0.02000	0.0187 80.00- 120.00	100.00
30	Endosulfan sulfate			CAS #: 1031-07-8		
13.196	13.196 (2.993)	7012541	7012541	0.02000	0.0208 80.00- 120.00	100.00
31	Endrin ketone			CAS #: 53494-70-5		
14.094	14.094 (3.197)	8255906	8255906	0.02000	0.0205 80.00- 120.00	100.00
\$ 32	DCB Decachlorobiphenyl			CAS #: 2051-24-3		
16.226	16.226 (3.680)	14439320	14439320	0.04000	0.0475 80.00- 120.00	100.00

Data File: j119003.d

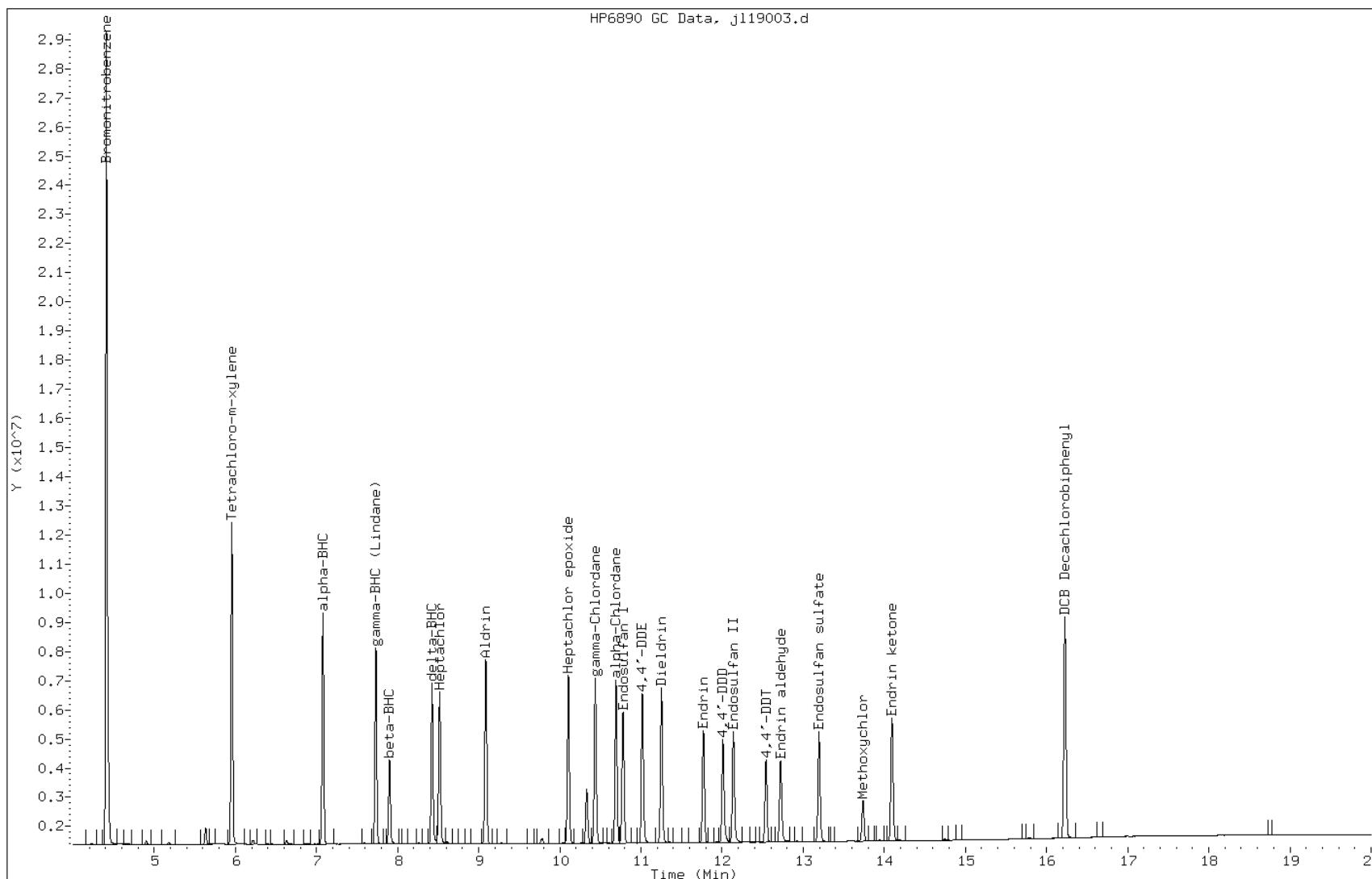
Date: 19-DEC-2012 12:20

Client ID:

Instrument: SGJECD2.i

Sample Info: CCV-2862989;PEST-4~1J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/3 Calibration Date: 12/19/2012 12:44
Instrument ID: SGJ Calib Start Date: 11/16/2012 14:43
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/16/2012 16:44
Lab File ID: j119004.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0333	0.0345		1040	1000	3.6	20.0
PCB-1016 Peak 2	Ave	0.0397	0.0429		1080	1000	8.0	20.0
PCB-1016 Peak 3	Ave	0.0251	0.0266		1060	1000	6.1	20.0
PCB-1016 Peak 4	Ave	0.0179	0.0194		1080	1000	8.4	20.0
PCB-1016 Peak 5	Ave	0.0167	0.0176		1060	1000	5.5	20.0
PCB-1260 Peak 1	Ave	0.0299	0.0338		1130	1000	12.7	20.0
PCB-1260 Peak 2	Ave	0.0170	0.0195		1140	1000	14.4	20.0
PCB-1260 Peak 3	Ave	0.0167	0.0192		1150	1000	15.4	20.0
PCB-1260 Peak 4	Ave	0.0719	0.0867		1210	1000	20.6*	20.0
PCB-1260 Peak 5	Ave	0.0413	0.0492		1190	1000	19.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/3 Calibration Date: 12/19/2012 12:44
Instrument ID: SGJ Calib Start Date: 11/16/2012 14:43
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/16/2012 16:44
Lab File ID: j119004.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	7.44	7.39	7.49
PCB-1016 Peak 2	8.28	8.23	8.33
PCB-1016 Peak 3	8.51	8.46	8.56
PCB-1016 Peak 4	8.62	8.57	8.67
PCB-1016 Peak 5	9.89	9.84	9.94
PCB-1260 Peak 1	12.48	12.43	12.53
PCB-1260 Peak 2	12.56	12.51	12.61
PCB-1260 Peak 3	12.97	12.92	13.02
PCB-1260 Peak 4	13.43	13.38	13.48
PCB-1260 Peak 5	13.91	13.86	13.96

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD1.i/1J121912.b/jl19004.d
Lab Smp Id: CCV-2863045;1660-4
Inj Date : 19-DEC-2012 12:44
Operator : Inst ID: SGJECD1.i
Smp Info : CCV-2863045;1660-4~1J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD1.i/1J121912.b/j3-808182-e1.m
Meth Date : 19-Dec-2012 16:55 wests Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.749 4.749 (1.000) 140848181 140848181 0.10000 0.100 80.00- 120.00 100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
6.139 6.139 (1.293) 46823523 46823523 0.03200 0.0338 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.437 7.437 (1.566) 48555915 48555915 1.00000 1.04 80.00- 120.00 100.00(M)
8.279 8.279 (1.743) 60458719 60458719 1.00000 1.08 105.00- 145.00 124.51
8.509 8.509 (1.800) 37508942 37508942 1.00000 1.06 69.49- 109.49 77.25
8.621 8.621 (1.815) 27288854 27288854 1.00000 1.08 39.45- 79.45 56.20
9.887 9.887 (2.082) 24800635 24800635 1.00000 1.06 32.13- 72.13 51.08
Average of Peak Amounts = 1.06

40 Aroclor-1260 CAS #: 11096-82-5
12.477 12.477 (2.627) 47560189 47560189 1.00000 1.13 80.00- 120.00 100.00(M)
12.559 12.559 (2.645) 27418488 27418488 1.00000 1.14 33.05- 73.05 57.65
12.971 12.971 (2.731) 27080122 27080122 1.00000 1.15 31.49- 71.49 56.94
13.426 13.426 (2.843) 122054242 122054242 1.00000 1.21 198.60- 238.60 256.63
13.909 13.909 (2.941) 69259269 69259269 1.00000 1.19 88.76- 128.76 145.62
Average of Peak Amounts = 1.16

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
15.771 15.771 (3.321) 33957550 33957550 0.03200 0.0388 80.00- 120.00 100.00

Data File: /chem/SG/SGJECD1.i/1J121912.b/jl19004.d
Report Date: 19-Dec-2012 16:55

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: jl19004.d

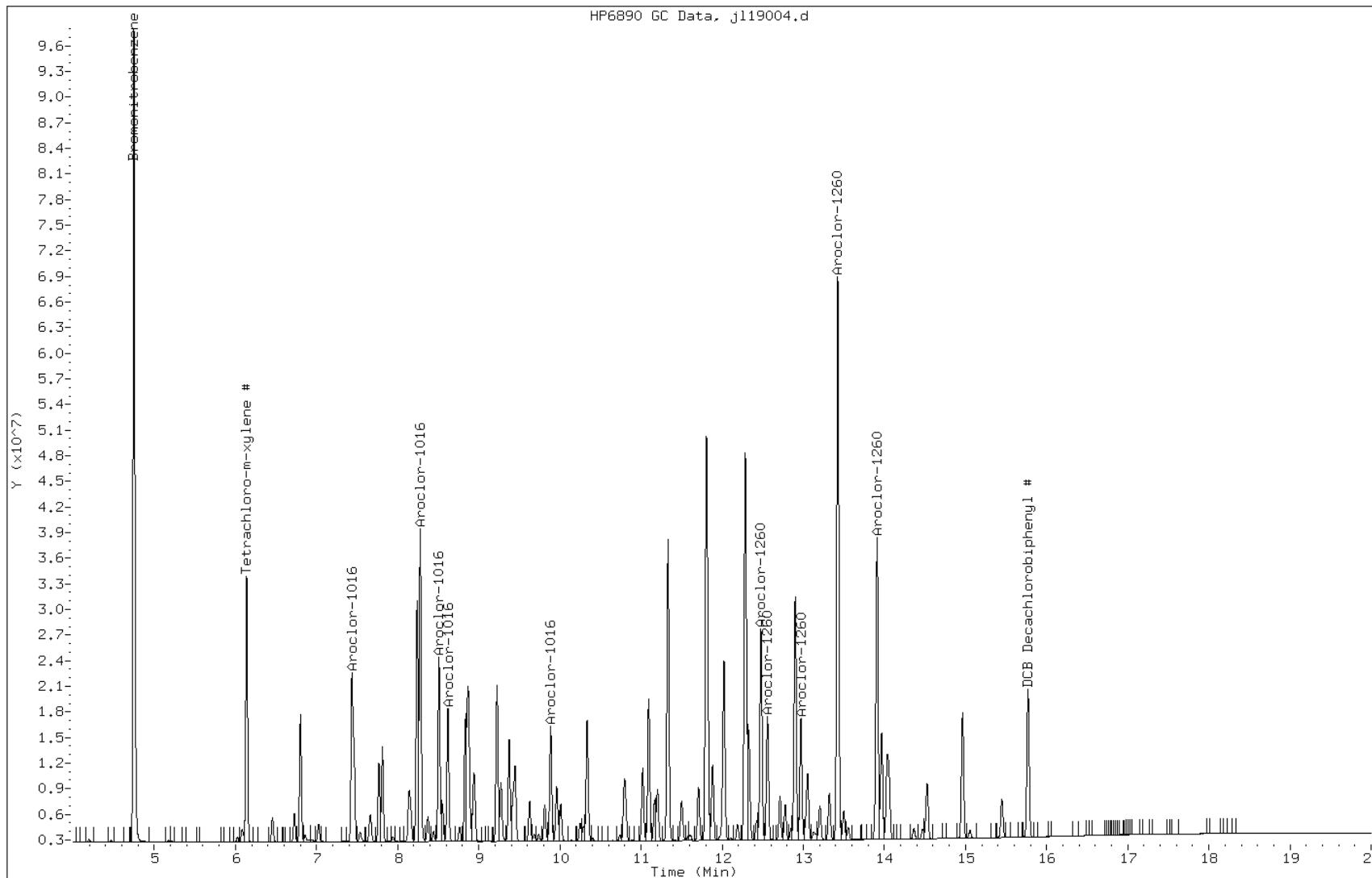
Date: 19-DEC-2012 12:44

Client ID:

Instrument: SGJECD1.i

Sample Info: CCV-2863045;1660-4~1J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/3 Calibration Date: 12/19/2012 12:44
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: j119004.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9606	1.039		33.8	32.0	8.1	20.0
DCB Decachlorobiphenyl	Ave	0.5915	0.7534		38.8	32.0	27.4*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/3 Calibration Date: 12/19/2012 12:44
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: j119004.d

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	6.14	6.09	6.19
DCB Decachlorobiphenyl	15.77	15.72	15.82

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD1.i/1J121912.b/jl19004.d
Lab Smp Id: CCV-2863045;1660-4
Inj Date : 19-DEC-2012 12:44
Operator : Inst ID: SGJECD1.i
Smp Info : CCV-2863045;1660-4~1J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD1.i/1J121912.b/j3-808182-e1.m
Meth Date : 19-Dec-2012 16:55 wests Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.749 4.749 (1.000) 140848181 140848181 0.10000 0.100 80.00- 120.00 100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
6.139 6.139 (1.293) 46823523 46823523 0.03200 0.0338 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.437 7.437 (1.566) 48555915 48555915 1.00000 1.04 80.00- 120.00 100.00(M)
8.279 8.279 (1.743) 60458719 60458719 1.00000 1.08 105.00- 145.00 124.51
8.509 8.509 (1.800) 37508942 37508942 1.00000 1.06 69.49- 109.49 77.25
8.621 8.621 (1.815) 27288854 27288854 1.00000 1.08 39.45- 79.45 56.20
9.887 9.887 (2.082) 24800635 24800635 1.00000 1.06 32.13- 72.13 51.08
Average of Peak Amounts = 1.06

40 Aroclor-1260 CAS #: 11096-82-5
12.477 12.477 (2.627) 47560189 47560189 1.00000 1.13 80.00- 120.00 100.00(M)
12.559 12.559 (2.645) 27418488 27418488 1.00000 1.14 33.05- 73.05 57.65
12.971 12.971 (2.731) 27080122 27080122 1.00000 1.15 31.49- 71.49 56.94
13.426 13.426 (2.843) 122054242 122054242 1.00000 1.21 198.60- 238.60 256.63
13.909 13.909 (2.941) 69259269 69259269 1.00000 1.19 88.76- 128.76 145.62
Average of Peak Amounts = 1.16

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
15.771 15.771 (3.321) 33957550 33957550 0.03200 0.0388 80.00- 120.00 100.00

Data File: /chem/SG/SGJECD1.i/1J121912.b/jl19004.d
Report Date: 19-Dec-2012 16:55

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: jl19004.d

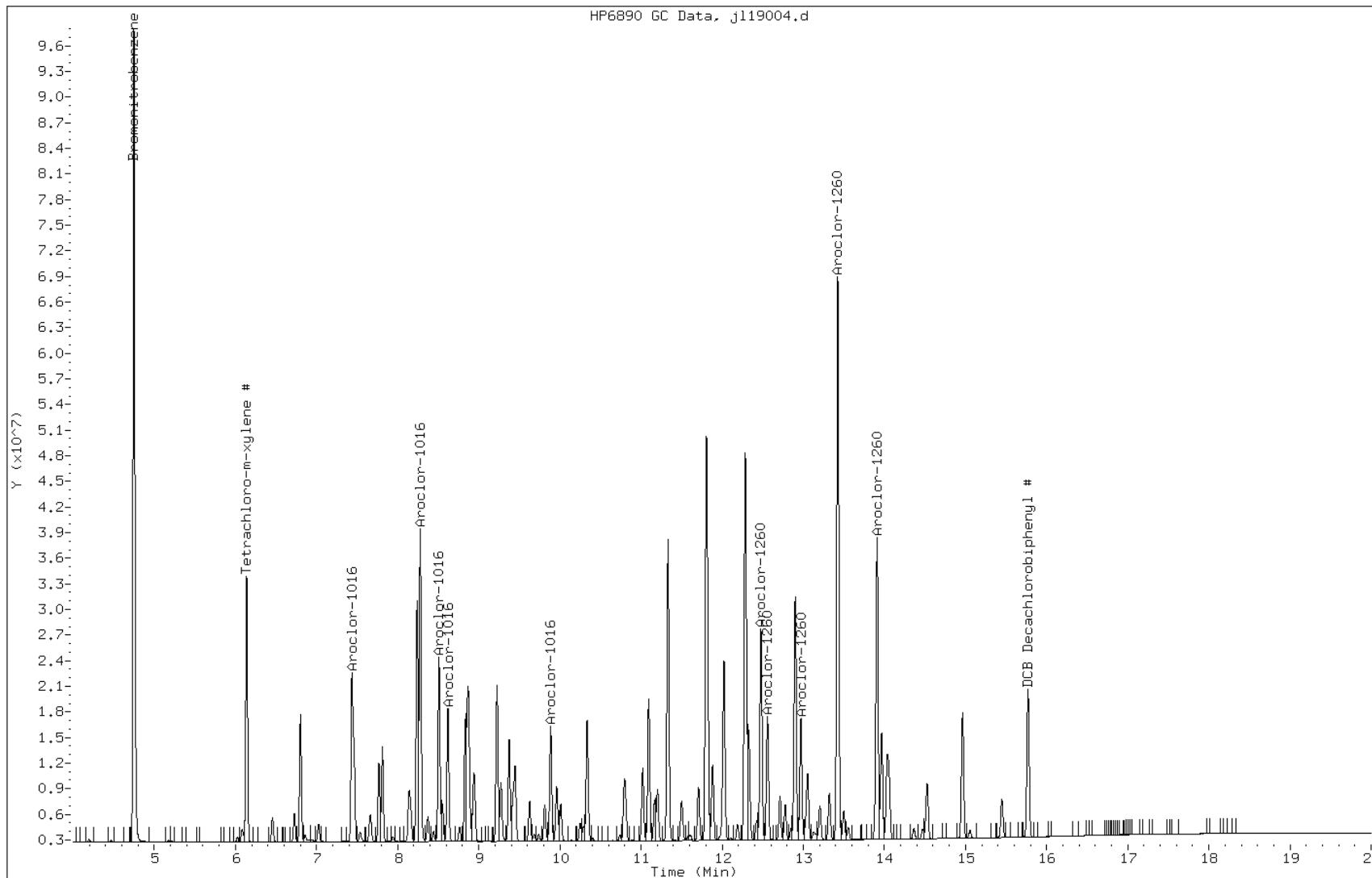
Date: 19-DEC-2012 12:44

Client ID:

Instrument: SGJECD1.i

Sample Info: CCV-2863045;1660-4~1J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: CCV 680-260665/3	Calibration Date: 12/19/2012 12:44
Instrument ID: SGJ	Calib Start Date: 11/16/2012 14:43
GC Column: CLP II	Calib End Date: 11/16/2012 16:44
Lab File ID: j119004.d	Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0237	0.0243		1020	1000	2.5	20.0
PCB-1016 Peak 2	Ave	0.0107	0.0113		1050	1000	5.3	20.0
PCB-1016 Peak 3	Ave	0.0144	0.0152		1060	1000	6.0	20.0
PCB-1016 Peak 4	Ave	0.0444	0.0484		1090	1000	9.1	20.0
PCB-1016 Peak 5	Ave	0.0306	0.0322		1050	1000	5.1	20.0
PCB-1260 Peak 1	Ave	0.0353	0.0403		1140	1000	14.2	20.0
PCB-1260 Peak 2	Ave	0.0198	0.0230		1170	1000	16.5	20.0
PCB-1260 Peak 3	Ave	0.0387	0.0450		1160	1000	16.4	20.0
PCB-1260 Peak 4	Ave	0.0192	0.0220		1150	1000	14.7	20.0
PCB-1260 Peak 5	Ave	0.0861	0.1059		1230	1000	22.9*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/3 Calibration Date: 12/19/2012 12:44
Instrument ID: SGJ Calib Start Date: 11/16/2012 14:43
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/16/2012 16:44
Lab File ID: j119004.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	7.55	7.50	7.60
PCB-1016 Peak 2	7.92	7.87	7.97
PCB-1016 Peak 3	7.98	7.93	8.03
PCB-1016 Peak 4	8.36	8.31	8.41
PCB-1016 Peak 5	8.58	8.53	8.63
PCB-1260 Peak 1	12.70	12.65	12.75
PCB-1260 Peak 2	12.79	12.74	12.84
PCB-1260 Peak 3	13.20	13.15	13.25
PCB-1260 Peak 4	13.32	13.27	13.37
PCB-1260 Peak 5	13.63	13.58	13.68

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD2.i/1J121912.b/jl19004.d
Lab Smp Id: CCV-2863045;1660-4
Inj Date : 19-DEC-2012 12:44
Operator : Inst ID: SGJECD2.i
Smp Info : CCV-2863045;1660-4~1J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD2.i/1J121912.b/j3-808182-e2.m
Meth Date : 19-Dec-2012 17:21 wests Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

RT	EXP RT	(REL RT)	CAL-AMT	ON-COL			
==	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.411 4.411 (1.000) 38607164 38607164 0.10000 0.100 80.00- 120.00 100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
5.956 5.956 (1.350) 13009340 13009340 0.03200 0.0334 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.547 7.547 (0.000) 9360386 9360386 1.00000 1.02 80.00- 120.00 100.00(M)
7.919 7.919 (0.000) 4354095 4354095 1.00000 1.05 21.81- 61.81 46.52
7.976 7.976 (0.000) 5882523 5882523 1.00000 1.06 57.04- 97.04 62.84
8.356 8.356 (0.000) 18697992 18697992 1.00000 1.09 244.79- 284.79 199.76
8.584 8.584 (0.000) 12424666 12424666 1.00000 1.05 130.07- 170.07 132.74
Average of Peak Amounts = 1.06

40 Aroclor-1260 CAS #: 11096-82-5
12.696 12.696 (2.878) 15568552 15568552 1.00000 1.14 80.00- 120.00 100.00(M)
12.787 12.787 (2.899) 8892368 8892368 1.00000 1.16 36.84- 76.84 57.12
13.197 13.197 (2.992) 17385469 17385469 1.00000 1.16 84.02- 124.02 111.67
13.317 13.317 (3.030) 8510153 8510153 1.00000 1.15 29.57- 69.57 54.66
13.626 13.626 (3.089) 40883253 40883253 1.00000 1.23 196.99- 236.99 262.60
Average of Peak Amounts = 1.17

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
16.226 16.226 (3.679) 12257846 12257846 0.03200 0.0396 80.00- 120.00 100.00

Data File: /chem/SG/SGJECD2.i/1J121912.b/jl19004.d
Report Date: 19-Dec-2012 17:21

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QC Flag Legend

M - Compound response manually integrated.

Data File: jl19004.d

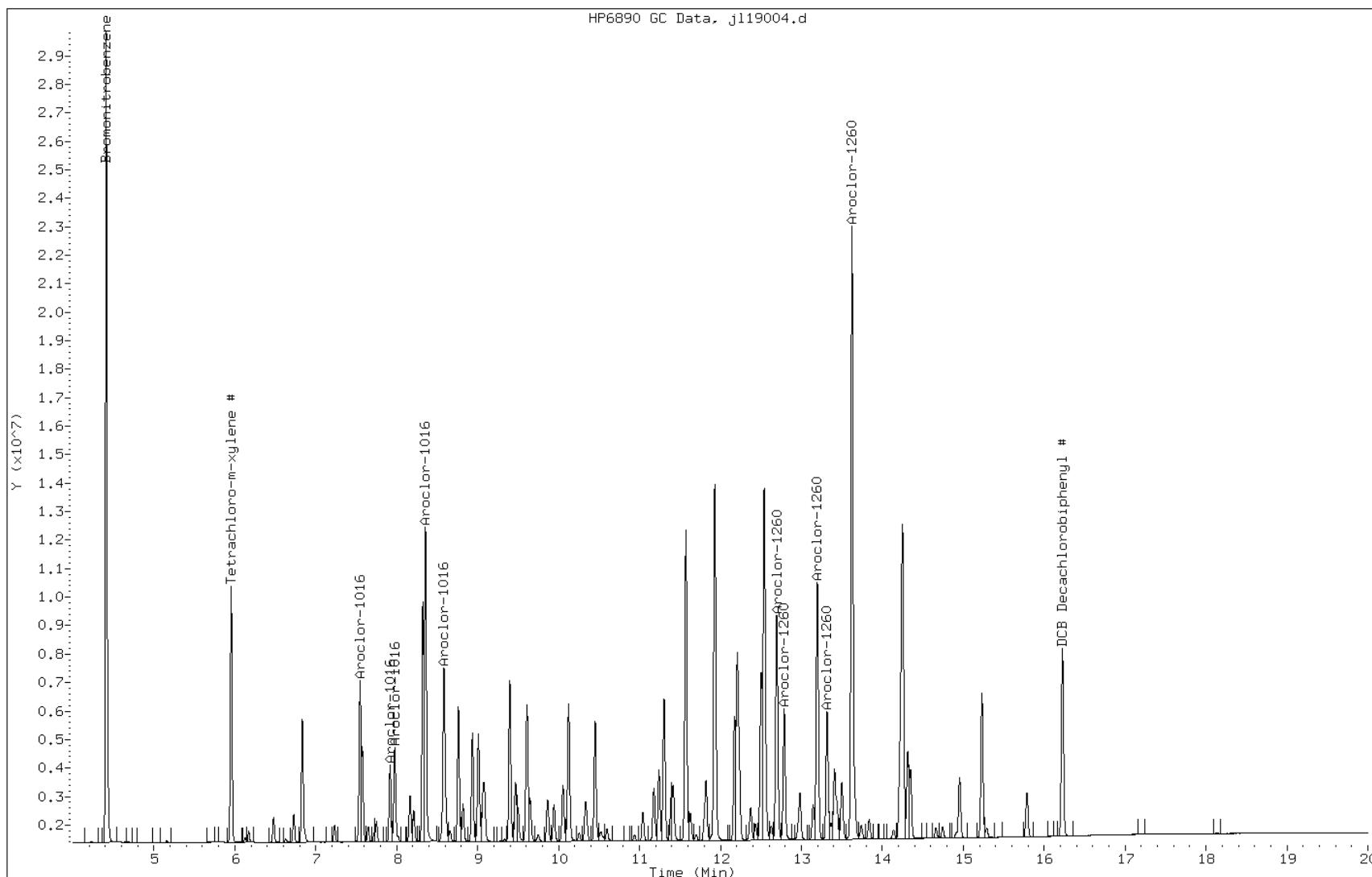
Date: 19-DEC-2012 12:44

Client ID:

Instrument: SGJECD2.i

Sample Info: CCV-2863045;1660-4~1J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/3 Calibration Date: 12/19/2012 12:44
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: j119004.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9704	1.053		33.4	32.0	8.5	20.0
DCB Decachlorobiphenyl	Ave	0.7618	0.9922		39.6	32.0	30.2*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/3 Calibration Date: 12/19/2012 12:44
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: j119004.d

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	5.96	5.91	6.01
DCB Decachlorobiphenyl	16.23	16.18	16.28

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD2.i/1J121912.b/jl19004.d
Lab Smp Id: CCV-2863045;1660-4
Inj Date : 19-DEC-2012 12:44
Operator : Inst ID: SGJECD2.i
Smp Info : CCV-2863045;1660-4~1J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD2.i/1J121912.b/j3-808182-e2.m
Meth Date : 19-Dec-2012 17:21 wests Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.411 4.411 (1.000) 38607164 38607164 0.10000 0.100 80.00- 120.00 100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
5.956 5.956 (1.350) 13009340 13009340 0.03200 0.0334 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.547 7.547 (0.000) 9360386 9360386 1.00000 1.02 80.00- 120.00 100.00(M)
7.919 7.919 (0.000) 4354095 4354095 1.00000 1.05 21.81- 61.81 46.52
7.976 7.976 (0.000) 5882523 5882523 1.00000 1.06 57.04- 97.04 62.84
8.356 8.356 (0.000) 18697992 18697992 1.00000 1.09 244.79- 284.79 199.76
8.584 8.584 (0.000) 12424666 12424666 1.00000 1.05 130.07- 170.07 132.74
Average of Peak Amounts = 1.06

40 Aroclor-1260 CAS #: 11096-82-5
12.696 12.696 (2.878) 15568552 15568552 1.00000 1.14 80.00- 120.00 100.00(M)
12.787 12.787 (2.899) 8892368 8892368 1.00000 1.16 36.84- 76.84 57.12
13.197 13.197 (2.992) 17385469 17385469 1.00000 1.16 84.02- 124.02 111.67
13.317 13.317 (3.030) 8510153 8510153 1.00000 1.15 29.57- 69.57 54.66
13.626 13.626 (3.089) 40883253 40883253 1.00000 1.23 196.99- 236.99 262.60
Average of Peak Amounts = 1.17

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
16.226 16.226 (3.679) 12257846 12257846 0.03200 0.0396 80.00- 120.00 100.00

Data File: /chem/SG/SGJECD2.i/1J121912.b/jl19004.d
Report Date: 19-Dec-2012 17:21

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QC Flag Legend

M - Compound response manually integrated.

Data File: j119004.d

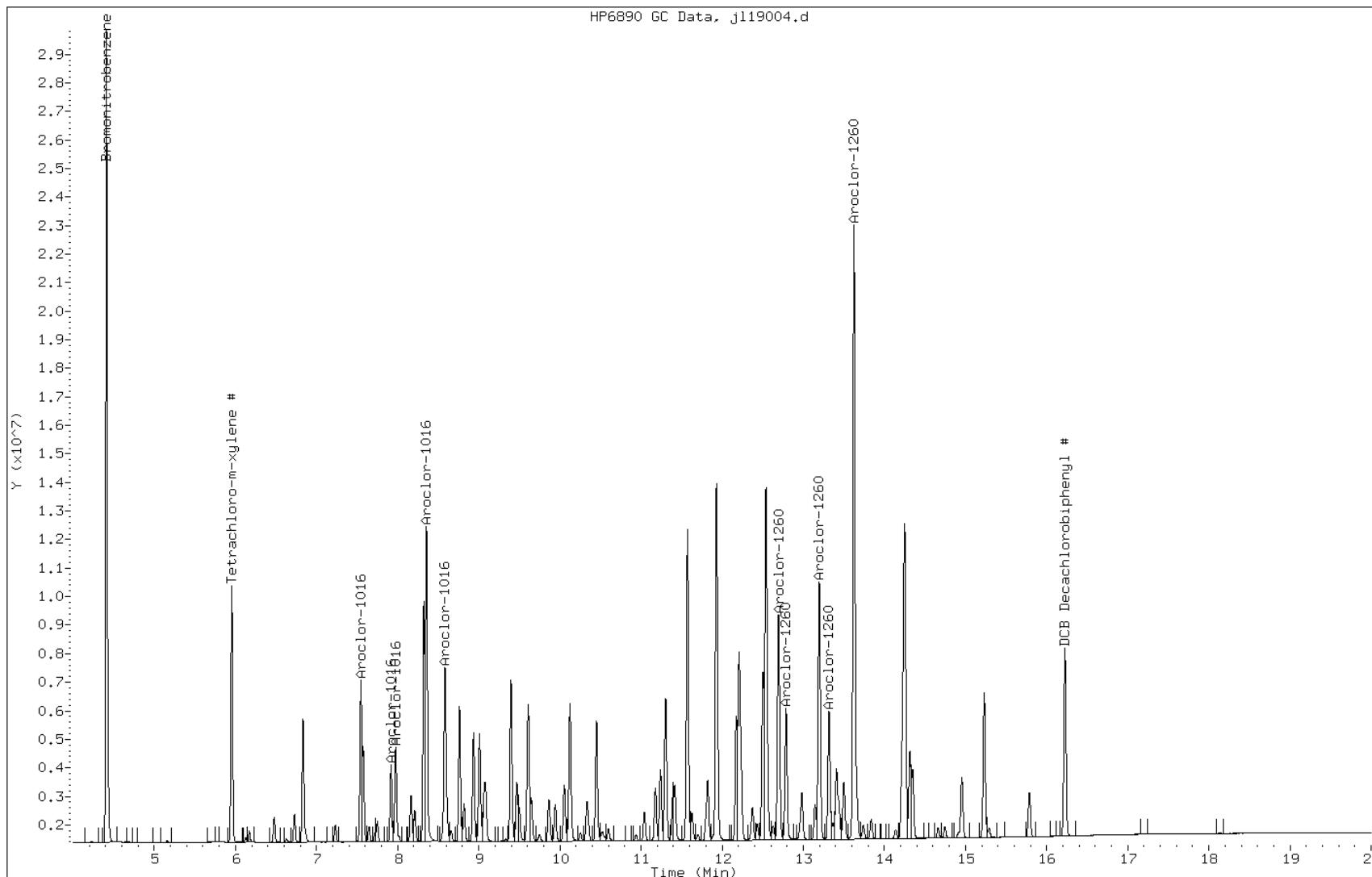
Date: 19-DEC-2012 12:44

Client ID:

Instrument: SGJECD2.i

Sample Info: CCV-2863045;1660-4~1J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: CCV 680-260665/8	Calibration Date: 12/19/2012 14:21
Instrument ID: SGJ	Calib Start Date: 11/21/2012 17:27
GC Column: CLP I ID: 0.32 (mm)	Calib End Date: 11/21/2012 19:31
Lab File ID: j119008.d	Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0115	0.0105		912	1000	-8.8	20.0
PCB-1221 Peak 2	Ave	0.0086	0.0069		799	1000	-20.1*	20.0
PCB-1221 Peak 3	Ave	0.0273	0.0242		887	1000	-11.3	20.0
PCB-1254 Peak 1	Ave	0.0314	0.0314		1000	1000	0.0	20.0
PCB-1254 Peak 2	Ave	0.0424	0.0418		985	1000	-1.5	20.0
PCB-1254 Peak 3	Ave	0.0565	0.0576		1020	1000	1.9	20.0
PCB-1254 Peak 4	Ave	0.0415	0.0415		1000	1000	0.0	20.0
PCB-1254 Peak 5	Ave	0.0387	0.0386		995	1000	-0.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/8 Calibration Date: 12/19/2012 14:21
Instrument ID: SGJ Calib Start Date: 11/21/2012 17:27
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/21/2012 19:31
Lab File ID: j119008.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	6.46	6.41	6.51
PCB-1221 Peak 2	6.73	6.68	6.78
PCB-1221 Peak 3	6.80	6.75	6.85
PCB-1254 Peak 1	9.89	9.84	9.94
PCB-1254 Peak 2	10.34	10.29	10.39
PCB-1254 Peak 3	11.02	10.97	11.07
PCB-1254 Peak 4	11.49	11.44	11.54
PCB-1254 Peak 5	11.81	11.76	11.86

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD1.i/1J121912.b/jl19008.d
Lab Smp Id: CCV-2863099;2154
Inj Date : 19-DEC-2012 14:21
Operator : Inst ID: SGJECD1.i
Smp Info : CCV-2863099;2154~1J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD1.i/1J121912.b/j3-808182-e1.m
Meth Date : 21-Feb-2013 16:33 kellarj Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 8 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG2154.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.748 4.748 (1.000) 144153722 144153722 0.10000 0.100 80.00- 120.00 100.00

35 Aroclor-1221 CAS #: 11104-28-2
6.458 6.458 (1.360) 15073015 15073015 1.00000 0.912 80.00- 120.00 100.00
6.727 6.727 (1.417) 9935690 9935690 1.00000 0.799 36.22- 76.22 65.92
6.802 6.802 (1.432) 34896971 34896971 1.00000 0.887 225.49- 265.49 231.52

Average of Peak Amounts = 0.866

39 Aroclor-1254 CAS #: 11097-69-1
9.887 9.887 (2.082) 45245882 45245882 1.00000 1.00 80.00- 120.00 100.00
10.337 10.337 (2.177) 60232487 60232487 1.00000 0.985 110.79- 150.79 133.12
11.020 11.020 (2.321) 83056525 83056525 1.00000 1.02 147.87- 187.87 183.57
11.495 11.495 (2.421) 59786699 59786699 1.00000 1.00 35.73- 75.73 132.14
11.810 11.810 (2.487) 55567353 55567353 1.00000 0.995 0.00- 20.00 122.81

Average of Peak Amounts = 0.1

Data File: jl19008.d

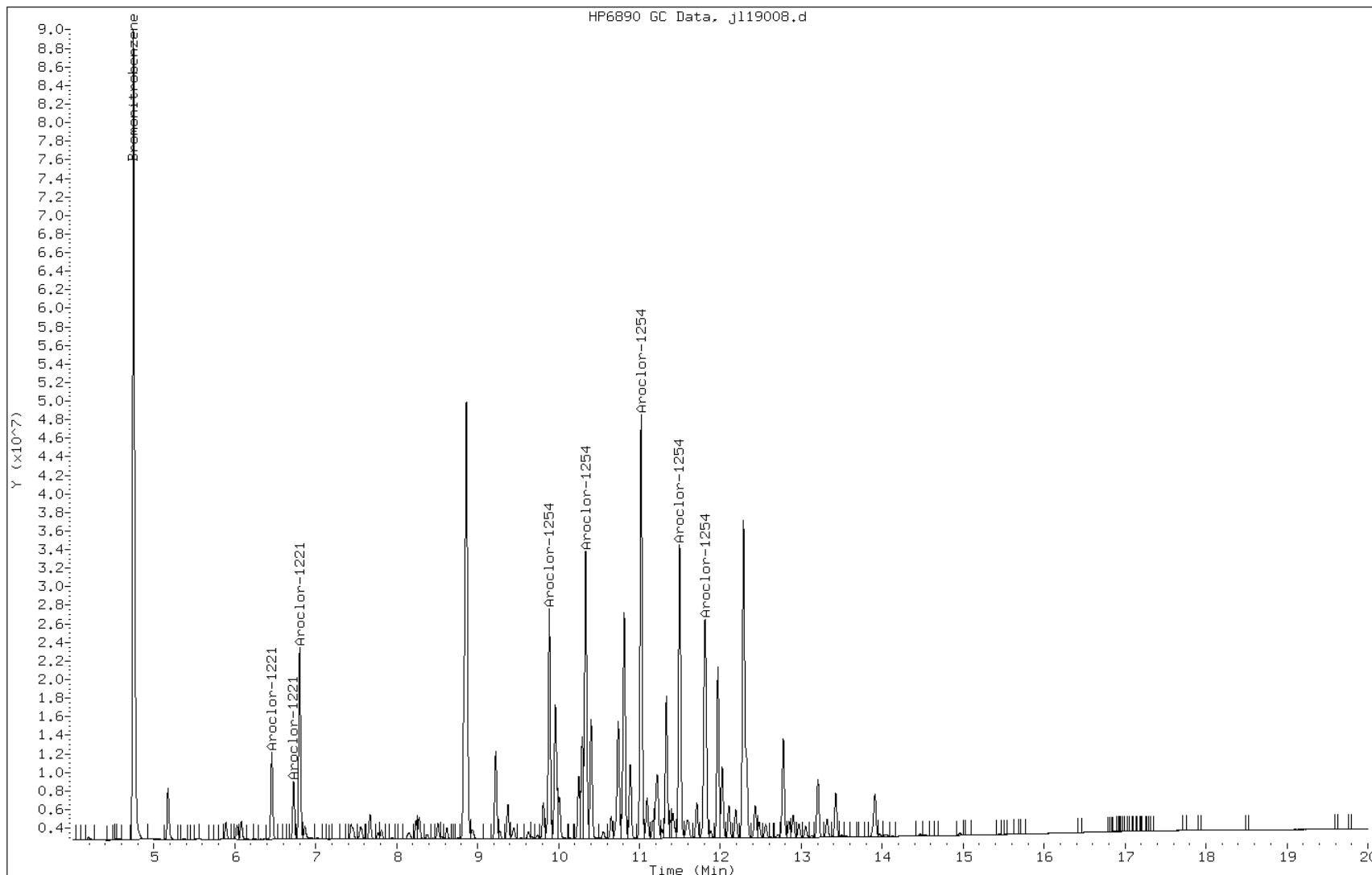
Date: 19-DEC-2012 14:21

Client ID:

Instrument: SGJECD1.i

Sample Info: CCV-2863099;2154~1J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: CCV 680-260665/8	Calibration Date: 12/19/2012 14:21
Instrument ID: SGJ	Calib Start Date: 11/21/2012 17:27
GC Column: CLP II	Calib End Date: 11/21/2012 19:31
Lab File ID: j119008.d	Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0106	0.0109		1030	1000	3.2	20.0
PCB-1221 Peak 2	Ave	0.0070	0.0072		1030	1000	2.7	20.0
PCB-1221 Peak 3	Ave	0.0255	0.0263		1030	1000	2.9	20.0
PCB-1254 Peak 1	Ave	0.0375	0.0389		1040	1000	3.7	20.0
PCB-1254 Peak 2	Ave	0.0421	0.0426		1010	1000	1.2	20.0
PCB-1254 Peak 3	Ave	0.0618	0.0633		1020	1000	2.5	20.0
PCB-1254 Peak 4	Ave	0.0436	0.0452		1040	1000	3.7	20.0
PCB-1254 Peak 5	Ave	0.0369	0.0388		1050	1000	5.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/8 Calibration Date: 12/19/2012 14:21
Instrument ID: SGJ Calib Start Date: 11/21/2012 17:27
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/21/2012 19:31
Lab File ID: j119008.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	6.48	6.43	6.53
PCB-1221 Peak 2	6.73	6.68	6.78
PCB-1221 Peak 3	6.83	6.78	6.88
PCB-1254 Peak 1	10.12	10.07	10.17
PCB-1254 Peak 2	10.45	10.40	10.50
PCB-1254 Peak 3	11.24	11.19	11.29
PCB-1254 Peak 4	11.63	11.58	11.68
PCB-1254 Peak 5	12.22	12.17	12.27

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD2.i/1J121912.b/jl19008.d
Lab Smp Id: CCV-2863099;2154
Inj Date : 19-DEC-2012 14:21
Operator : Inst ID: SGJECD2.i
Smp Info : CCV-2863099;2154~1J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD2.i/1J121912.b/j3-808182-e2.m
Meth Date : 21-Feb-2013 16:34 kellarj Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 8 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG2154.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	CAL-AMT	ON-COL	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.410 4.410 (1.000) 39582746 39582746 0.10000 0.100 80.00- 120.00 100.00(M)

35 Aroclor-1221 CAS #: 11104-28-2
6.478 6.478 (1.469) 4324695 4324695 1.00000 1.03 80.00- 120.00 100.00(M)
6.728 6.728 (1.526) 2858690 2858690 1.00000 1.03 39.54- 79.54 66.10
6.835 6.835 (1.550) 10403121 10403121 1.00000 1.03 237.20- 277.20 240.55

Average of Peak Amounts = 1.03

39 Aroclor-1254 CAS #: 11097-69-1
10.123 10.123 (2.296) 15384640 15384640 1.00000 1.04 80.00- 120.00 100.00
10.452 10.452 (2.370) 16848347 16848347 1.00000 1.01 77.34- 117.34 109.51
11.242 11.242 (2.549) 25052812 25052812 1.00000 1.02 116.51- 156.51 162.84
11.630 11.630 (2.637) 17885295 17885295 1.00000 1.04 83.59- 123.59 116.25
12.222 12.222 (2.771) 15362807 15362807 1.00000 1.05 19.72- 59.72 99.86

Average of Peak Amounts = 1.03

QC Flag Legend

M - Compound response manually integrated.

Data File: jl19008.d

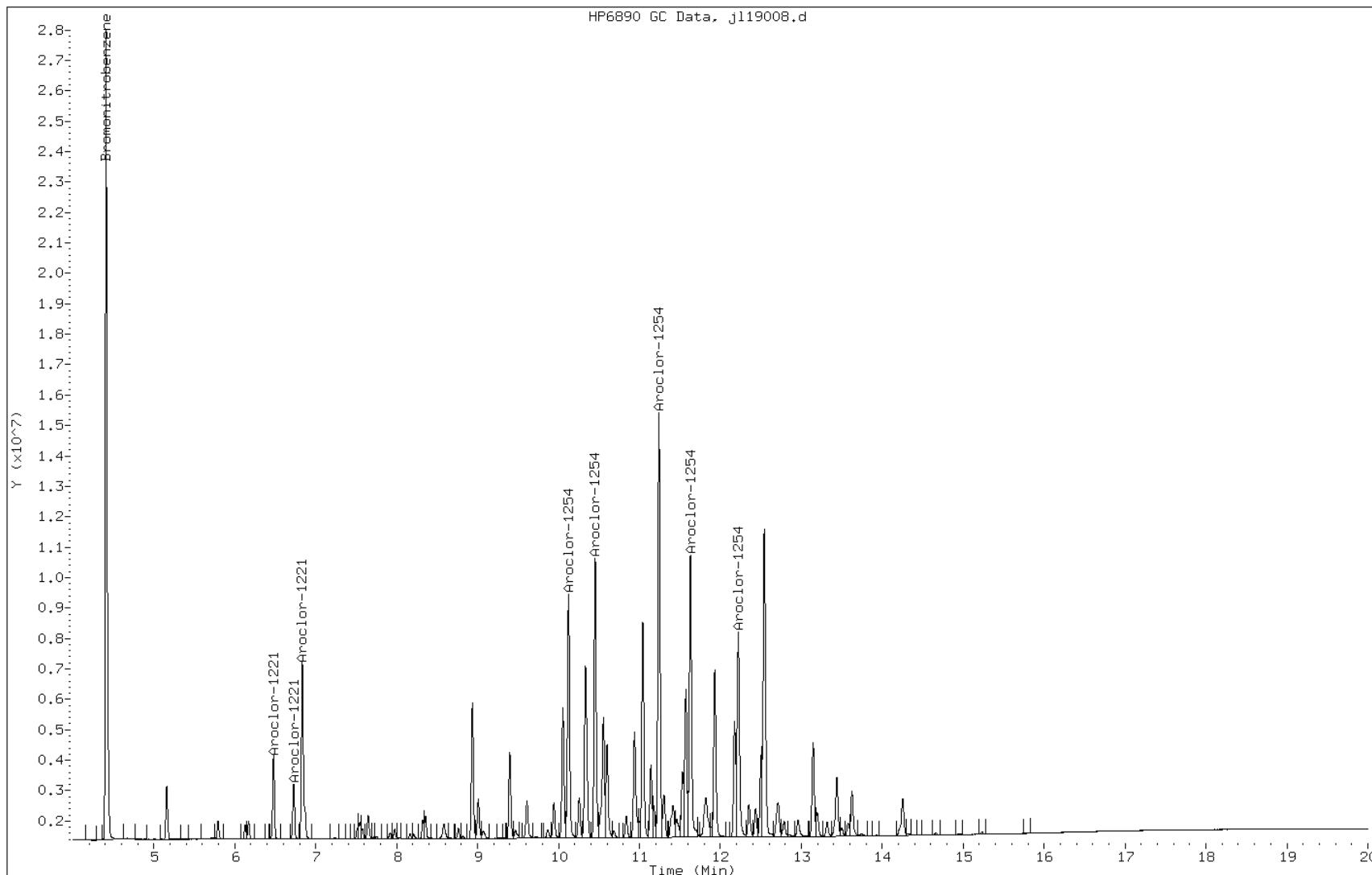
Date: 19-DEC-2012 14:21

Client ID:

Instrument: SGJECD2.i

Sample Info: CCV-2863099;2154~1J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/6 Calibration Date: 12/19/2012 22:11
Instrument ID: SGJ Calib Start Date: 11/16/2012 14:43
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/16/2012 16:44
Lab File ID: j119025.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0333	0.0319		959	1000	-4.1	20.0
PCB-1016 Peak 2	Ave	0.0397	0.0399		1000	1000	0.4	20.0
PCB-1016 Peak 3	Ave	0.0251	0.0245		977	1000	-2.3	20.0
PCB-1016 Peak 4	Ave	0.0179	0.0177		990	1000	-1.0	20.0
PCB-1016 Peak 5	Ave	0.0167	0.0159		953	1000	-4.7	20.0
PCB-1260 Peak 1	Ave	0.0299	0.0280		934	1000	-6.6	20.0
PCB-1260 Peak 2	Ave	0.0170	0.0161		948	1000	-5.2	20.0
PCB-1260 Peak 3	Ave	0.0167	0.0156		935	1000	-6.5	20.0
PCB-1260 Peak 4	Ave	0.0719	0.0679		945	1000	-5.5	20.0
PCB-1260 Peak 5	Ave	0.0413	0.0373		904	1000	-9.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/6 Calibration Date: 12/19/2012 22:11
Instrument ID: SGJ Calib Start Date: 11/16/2012 14:43
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/16/2012 16:44
Lab File ID: j119025.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	7.44	7.39	7.49
PCB-1016 Peak 2	8.28	8.23	8.33
PCB-1016 Peak 3	8.51	8.46	8.56
PCB-1016 Peak 4	8.62	8.57	8.67
PCB-1016 Peak 5	9.89	9.84	9.94
PCB-1260 Peak 1	12.48	12.43	12.53
PCB-1260 Peak 2	12.56	12.51	12.61
PCB-1260 Peak 3	12.97	12.92	13.02
PCB-1260 Peak 4	13.43	13.38	13.48
PCB-1260 Peak 5	13.91	13.86	13.96

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD1.i/2J121912.b/jl19025.d
Lab Smp Id: CCV-2863045;1660-4
Inj Date : 19-DEC-2012 22:11
Operator : Inst ID: SGJECD1.i
Smp Info : CCV-2863045;1660-4~2J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD1.i/2J121912.b/j3-808182-e1.m
Meth Date : 21-Dec-2012 10:58 kellarj Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 25 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.751 4.751 (1.000) 147771111 147771111 0.10000 0.100 80.00- 120.00 100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
6.141 6.141 (1.293) 44301652 44301652 0.03200 0.0305 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.439 7.439 (1.566) 47143082 47143082 1.00000 0.959 80.00- 120.00 100.00
8.279 8.279 (1.743) 58960897 58960897 1.00000 1.00 105.00- 145.00 125.07
8.511 8.511 (1.791) 36242523 36242523 1.00000 0.977 69.49- 109.49 76.88
8.621 8.621 (1.815) 26147082 26147082 1.00000 0.990 39.45- 79.45 55.46
9.887 9.887 (2.081) 23501715 23501715 1.00000 0.953 32.13- 72.13 49.85
Average of Peak Amounts = 0.977

40 Aroclor-1260 CAS #: 11096-82-5
12.479 12.479 (2.627) 41355470 41355470 1.00000 0.934 80.00- 120.00 100.00
12.559 12.559 (2.644) 23841062 23841062 1.00000 0.948 33.05- 73.05 57.65
12.971 12.971 (2.730) 23020539 23020539 1.00000 0.935 31.49- 71.49 55.67
13.426 13.426 (2.826) 100322177 100322177 1.00000 0.945 198.60- 238.60 242.59
13.909 13.909 (2.928) 55164079 55164079 1.00000 0.904 88.76- 128.76 133.39
Average of Peak Amounts = 0.933

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
15.769 15.769 (3.319) 26608011 26608011 0.03200 0.0290 80.00- 120.00 100.00

Data File: jl19025.d

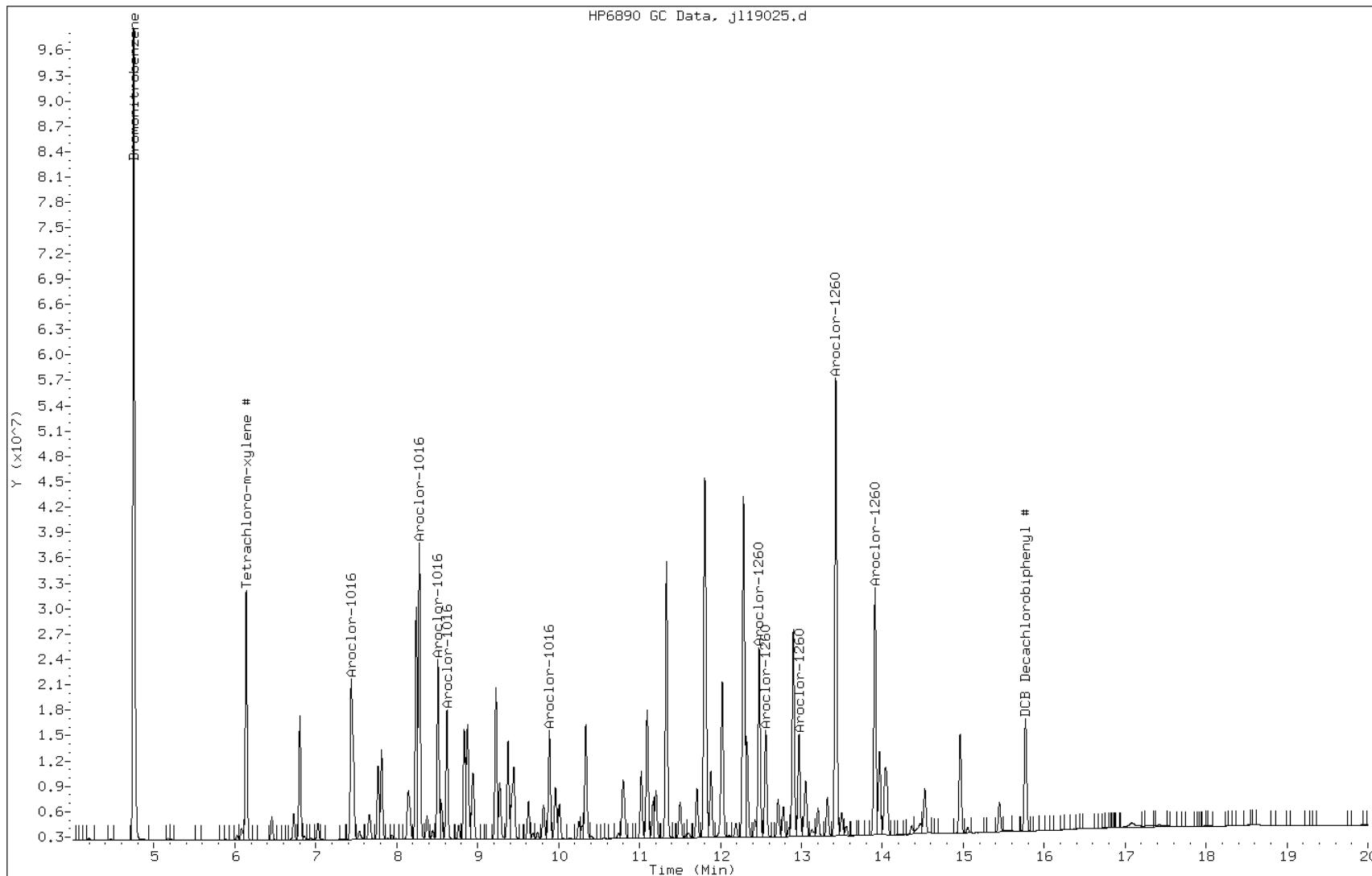
Date: 19-DEC-2012 22:11

Client ID:

Instrument: SGJECD1.i

Sample Info: CCV-2863045;1660-4~2J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/6 Calibration Date: 12/19/2012 22:11
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: j119025.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9606	0.9369		30.5	32.0	-2.5	20.0
DCB Decachlorobiphenyl	Ave	0.5915	0.5627		29.0	32.0	-4.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/6 Calibration Date: 12/19/2012 22:11
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: j119025.d

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	6.14	6.09	6.19
DCB Decachlorobiphenyl	15.77	15.72	15.82

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD1.i/2J121912.b/jl19025.d
Lab Smp Id: CCV-2863045;1660-4
Inj Date : 19-DEC-2012 22:11
Operator : Inst ID: SGJECD1.i
Smp Info : CCV-2863045;1660-4~2J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD1.i/2J121912.b/j3-808182-e1.m
Meth Date : 21-Dec-2012 10:58 kellarj Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 25 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.751 4.751 (1.000) 147771111 147771111 0.10000 0.100 80.00- 120.00 100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
6.141 6.141 (1.293) 44301652 44301652 0.03200 0.0305 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.439 7.439 (1.566) 47143082 47143082 1.00000 0.959 80.00- 120.00 100.00
8.279 8.279 (1.743) 58960897 58960897 1.00000 1.00 105.00- 145.00 125.07
8.511 8.511 (1.791) 36242523 36242523 1.00000 0.977 69.49- 109.49 76.88
8.621 8.621 (1.815) 26147082 26147082 1.00000 0.990 39.45- 79.45 55.46
9.887 9.887 (2.081) 23501715 23501715 1.00000 0.953 32.13- 72.13 49.85
Average of Peak Amounts = 0.977

40 Aroclor-1260 CAS #: 11096-82-5
12.479 12.479 (2.627) 41355470 41355470 1.00000 0.934 80.00- 120.00 100.00
12.559 12.559 (2.644) 23841062 23841062 1.00000 0.948 33.05- 73.05 57.65
12.971 12.971 (2.730) 23020539 23020539 1.00000 0.935 31.49- 71.49 55.67
13.426 13.426 (2.826) 100322177 100322177 1.00000 0.945 198.60- 238.60 242.59
13.909 13.909 (2.928) 55164079 55164079 1.00000 0.904 88.76- 128.76 133.39
Average of Peak Amounts = 0.933

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
15.769 15.769 (3.319) 26608011 26608011 0.03200 0.0290 80.00- 120.00 100.00

Data File: j119025.d

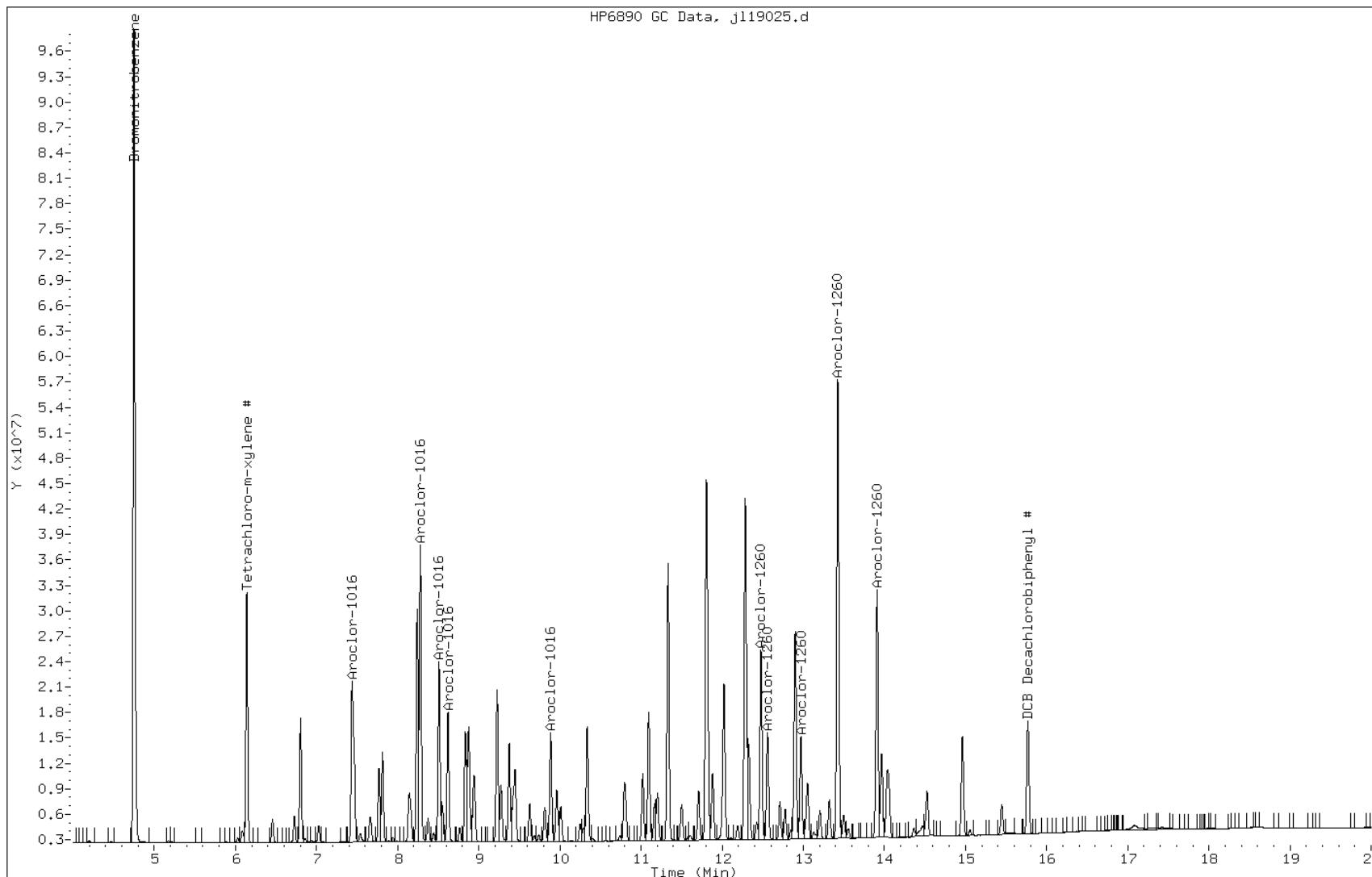
Date: 19-DEC-2012 22:11

Client ID:

Instrument: SGJECD1.i

Sample Info: CCV-2863045;1660-4~2J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/6 Calibration Date: 12/19/2012 22:11
Instrument ID: SGJ Calib Start Date: 11/16/2012 14:43
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/16/2012 16:44
Lab File ID: j119025.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0237	0.0227		960	1000	-4.0	20.0
PCB-1016 Peak 2	Ave	0.0107	0.0104		970	1000	-3.0	20.0
PCB-1016 Peak 3	Ave	0.0144	0.0140		976	1000	-2.4	20.0
PCB-1016 Peak 4	Ave	0.0444	0.0446		1000	1000	0.4	20.0
PCB-1016 Peak 5	Ave	0.0306	0.0297		969	1000	-3.1	20.0
PCB-1260 Peak 1	Ave	0.0353	0.0339		961	1000	-3.9	20.0
PCB-1260 Peak 2	Ave	0.0198	0.0193		975	1000	-2.5	20.0
PCB-1260 Peak 3	Ave	0.0387	0.0369		954	1000	-4.6	20.0
PCB-1260 Peak 4	Ave	0.0192	0.0181		943	1000	-5.7	20.0
PCB-1260 Peak 5	Ave	0.0861	0.0830		964	1000	-3.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/6 Calibration Date: 12/19/2012 22:11
Instrument ID: SGJ Calib Start Date: 11/16/2012 14:43
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/16/2012 16:44
Lab File ID: j119025.d

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	7.55	7.50	7.60
PCB-1016 Peak 2	7.92	7.87	7.97
PCB-1016 Peak 3	7.98	7.93	8.03
PCB-1016 Peak 4	8.36	8.31	8.41
PCB-1016 Peak 5	8.59	8.54	8.64
PCB-1260 Peak 1	12.70	12.65	12.75
PCB-1260 Peak 2	12.79	12.74	12.84
PCB-1260 Peak 3	13.20	13.15	13.25
PCB-1260 Peak 4	13.32	13.27	13.37
PCB-1260 Peak 5	13.63	13.58	13.68

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD2.i/2J121912.b/jl19025.d
Lab Smp Id: CCV-2863045;1660-4
Inj Date : 19-DEC-2012 22:11
Operator : Inst ID: SGJECD2.i
Smp Info : CCV-2863045;1660-4~2J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD2.i/2J121912.b/j3-808182-e2.m
Meth Date : 21-Dec-2012 10:55 kellarj Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 25 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.411	4.411	(1.000)	42690196	42690196	0.10000	0.100	80.00- 120.00	100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
5.957 5.957 (1.351) 13188666 13188666 0.03200 0.0306 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.549 7.549 (1.712) 9694404 9694404 1.00000 0.960 80.00- 120.00 100.00
7.919 7.919 (1.795) 4433901 4433901 1.00000 0.970 21.81- 61.81 45.74
7.977 7.977 (1.809) 5989249 5989249 1.00000 0.976 57.04- 97.04 61.78
8.357 8.357 (1.895) 19032908 19032908 1.00000 1.00 244.79- 284.79 196.33
8.586 8.586 (1.947) 12661563 12661563 1.00000 0.969 130.07- 170.07 130.61
Average of Peak Amounts = 0.976

40 Aroclor-1260 CAS #: 11096-82-5
12.696 12.696 (2.878) 14487764 14487764 1.00000 0.961 80.00- 120.00 100.00
12.789 12.789 (2.900) 8224551 8224551 1.00000 0.974 36.84- 76.84 56.77
13.197 13.197 (2.992) 15761099 15761099 1.00000 0.954 84.02- 124.02 108.79
13.319 13.319 (3.020) 7733373 7733373 1.00000 0.942 29.57- 69.57 53.38
13.626 13.626 (3.089) 35447256 35447256 1.00000 0.964 196.99- 236.99 244.67
Average of Peak Amounts = 0.959

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
16.227 16.227 (3.679) 10299689 10299689 0.03200 0.0301 80.00- 120.00 100.00

Data File: j119025.d

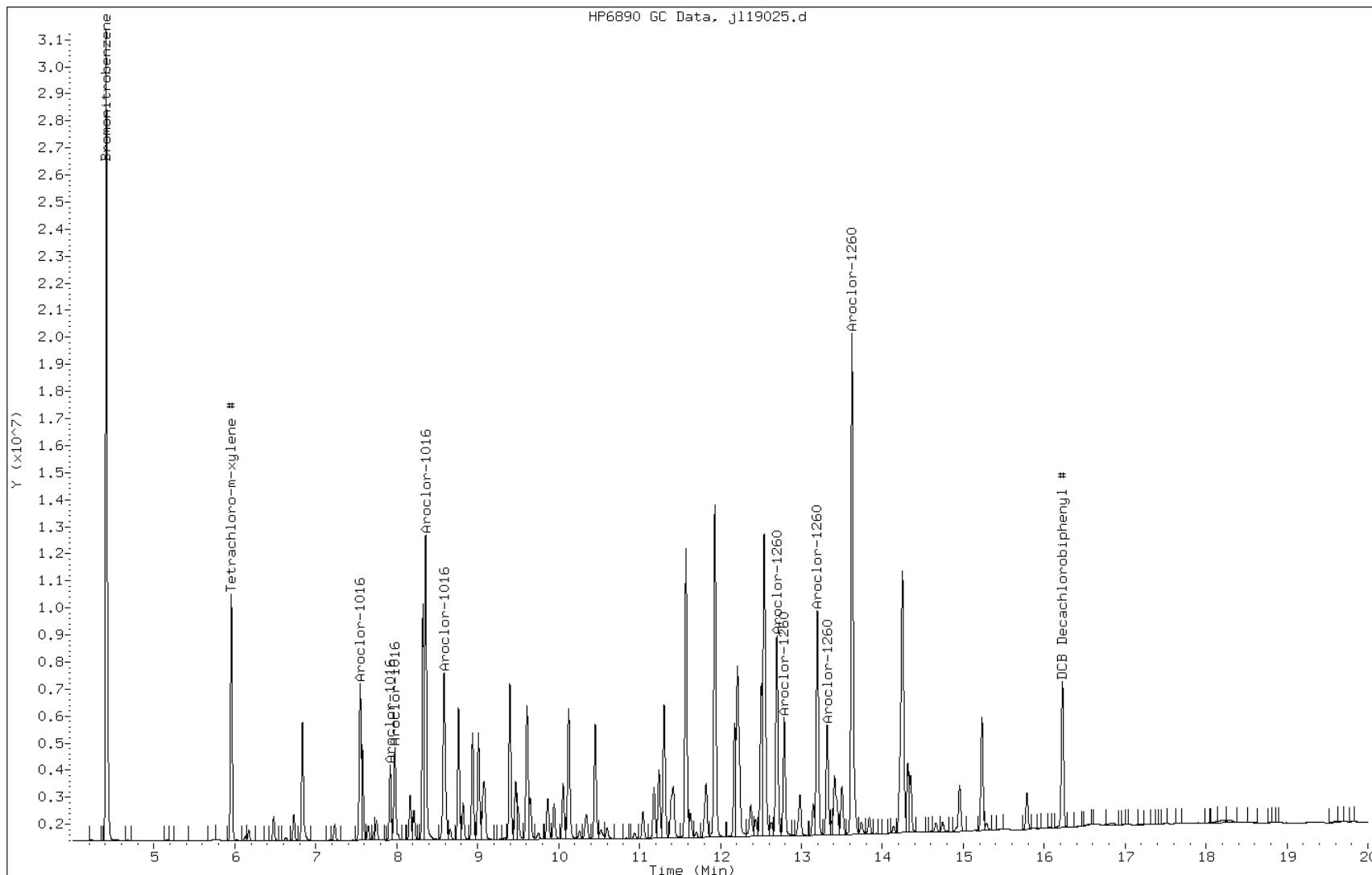
Date: 19-DEC-2012 22:11

Client ID:

Instrument: SGJECD2.i

Sample Info: CCV-2863045;1660-4~2J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/6 Calibration Date: 12/19/2012 22:11
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: j119025.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9704	0.9654		30.6	32.0	-0.5	20.0
DCB Decachlorobiphenyl	Ave	0.7618	0.7540		30.1	32.0	-1.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260665/6 Calibration Date: 12/19/2012 22:11
Instrument ID: SGJ Calib Start Date: 11/16/2012 19:09
GC Column: CLP II ID: 0.32 (mm) Calib End Date: 11/17/2012 08:34
Lab File ID: j119025.d

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	5.96	5.91	6.01
DCB Decachlorobiphenyl	16.23	16.18	16.28

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGJECD2.i/2J121912.b/jl19025.d
Lab Smp Id: CCV-2863045;1660-4
Inj Date : 19-DEC-2012 22:11
Operator : Inst ID: SGJECD2.i
Smp Info : CCV-2863045;1660-4~2J121912
Misc Info :
Comment :
Method : /chem/SG/SGJECD2.i/2J121912.b/j3-808182-e2.m
Meth Date : 21-Dec-2012 10:55 kellarj Quant Type: ISTD
Cal Date : 21-NOV-2012 19:31 Cal File: jk21014.d
Als bottle: 25 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.411	4.411	(1.000)	42690196	42690196	0.10000	0.100	80.00- 120.00	100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
5.957 5.957 (1.351) 13188666 13188666 0.03200 0.0306 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.549 7.549 (1.712) 9694404 9694404 1.00000 0.960 80.00- 120.00 100.00
7.919 7.919 (1.795) 4433901 4433901 1.00000 0.970 21.81- 61.81 45.74
7.977 7.977 (1.809) 5989249 5989249 1.00000 0.976 57.04- 97.04 61.78
8.357 8.357 (1.895) 19032908 19032908 1.00000 1.00 244.79- 284.79 196.33
8.586 8.586 (1.947) 12661563 12661563 1.00000 0.969 130.07- 170.07 130.61
Average of Peak Amounts = 0.976

40 Aroclor-1260 CAS #: 11096-82-5
12.696 12.696 (2.878) 14487764 14487764 1.00000 0.961 80.00- 120.00 100.00
12.789 12.789 (2.900) 8224551 8224551 1.00000 0.974 36.84- 76.84 56.77
13.197 13.197 (2.992) 15761099 15761099 1.00000 0.954 84.02- 124.02 108.79
13.319 13.319 (3.020) 7733373 7733373 1.00000 0.942 29.57- 69.57 53.38
13.626 13.626 (3.089) 35447256 35447256 1.00000 0.964 196.99- 236.99 244.67
Average of Peak Amounts = 0.959

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
16.227 16.227 (3.679) 10299689 10299689 0.03200 0.0301 80.00- 120.00 100.00

Data File: j119025.d

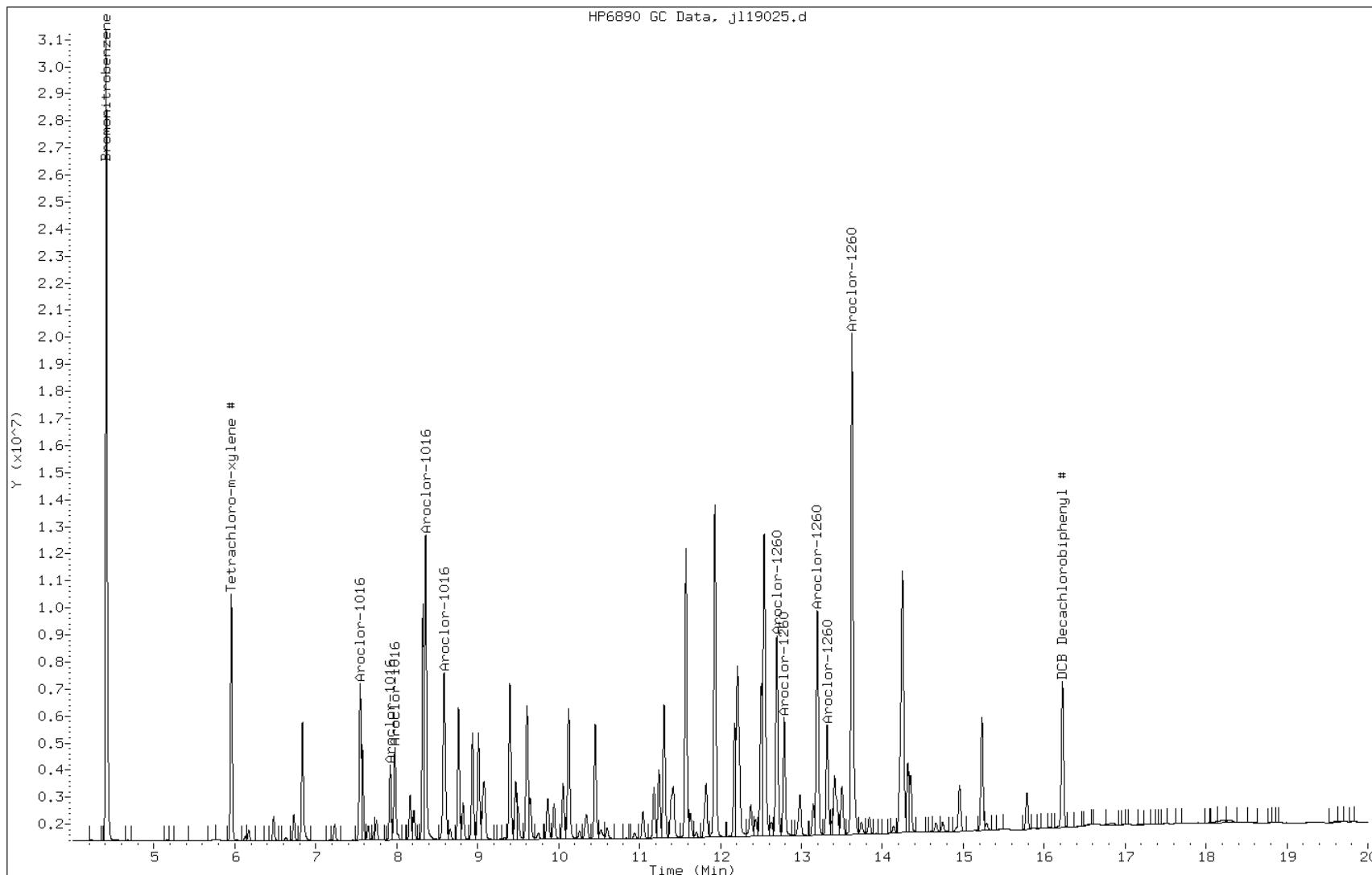
Date: 19-DEC-2012 22:11

Client ID:

Instrument: SGJECD2.i

Sample Info: CCV-2863045;1660-4~2J121912

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: ICV 680-259538/18

Calibration Date: 12/11/2012 16:15

Instrument ID: SGZ

Calib Start Date: 12/11/2012 13:36

GC Column: CLP I ID: 0.32 (mm)

Calib End Date: 12/11/2012 15:51

Lab File ID: z111020.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.348	1.364		20.3	20.0	1.2	20.0
gamma-BHC (Lindane)	Ave	1.242	1.249		20.2	20.0	0.6	20.0
beta-BHC	Ave	0.5726	0.5581		19.5	20.0	-2.5	20.0
delta-BHC	Ave	1.049	1.070		20.4	20.0	2.0	20.0
Heptachlor	Ave	1.223	1.244		20.4	20.0	1.7	20.0
Aldrin	Ave	1.255	1.254		20.0	20.0	-0.1	20.0
Heptachlor epoxide	Ave	1.195	1.190		20.0	20.0	-0.4	20.0
gamma-Chlordane	Ave	1.199	1.192		19.9	20.0	-0.6	
alpha-Chlordane	Ave	1.182	1.174		19.9	20.0	-0.6	
4,4'-DDE	Ave	1.038	1.029		19.9	20.0	-0.9	20.0
Endosulfan I	Ave	1.117	1.116		20.0	20.0	-0.0	20.0
Dieldrin	Ave	1.165	1.167		20.1	20.0	0.2	20.0
Endrin	Ave	0.8846	0.9115		20.6	20.0	3.0	20.0
4,4'-DDD	Ave	0.8654	0.8485		19.7	20.0	-1.9	20.0
Endosulfan II	Ave	0.9193	0.9223		20.1	20.0	0.3	20.0
4,4'-DDT	Ave	0.7767	0.8169		21.1	20.0	5.2	20.0
Endrin aldehyde	Ave	0.6988	0.7368		21.1	20.0	5.4	20.0
Methoxychlor	Ave	0.4349	0.4582		21.1	20.0	5.4	20.0
Endosulfan sulfate	Ave	0.7606	0.7986		21.0	20.0	5.0	20.0
Endrin ketone	Ave	0.996	1.046		21.1	20.0	5.1	20.0
Tetrachloro-m-xylene	Ave	0.9873	1.205		39.0	32.0	22.0*	20.0
DCB Decachlorobiphenyl	Ave	1.036	1.315		40.6	32.0	26.9*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: ICV 680-259538/18	Calibration Date: 12/11/2012 16:15
Instrument ID: SGZ	Calib Start Date: 12/11/2012 13:36
GC Column: CLP I ID: 0.32 (mm)	Calib End Date: 12/11/2012 15:51
Lab File ID: z111020.d	

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	6.53	6.48	6.58
gamma-BHC (Lindane)	7.09	7.04	7.14
beta-BHC	7.26	7.21	7.31
delta-BHC	7.57	7.52	7.62
Heptachlor	7.93	7.88	7.98
Aldrin	8.45	8.40	8.50
Heptachlor epoxide	9.51	9.46	9.56
gamma-Chlordane	9.72	9.67	9.77
alpha-Chlordane	9.95	9.90	10.00
4,4'-DDE	10.13	10.08	10.18
Endosulfan I	10.17	10.12	10.22
Dieldrin	10.58	10.53	10.63
Endrin	10.97	10.92	11.02
4,4'-DDD	11.14	11.09	11.19
Endosulfan II	11.35	11.30	11.40
4,4'-DDT	11.61	11.56	11.66
Endrin aldehyde	12.07	12.02	12.12
Methoxychlor	12.46	12.41	12.51
Endosulfan sulfate	12.80	12.75	12.85
Endrin ketone	13.26	13.21	13.31
Tetrachloro-m-xylene	5.55	5.50	5.60
DCB Decachlorobiphenyl	15.01	14.96	15.06

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGZECDF1.i/1Z121112.b/z111020.d
Lab Smp Id: ICV-2863255;PESTICV
Inj Date : 11-DEC-2012 16:15
Operator : Inst ID: SGZECDF1.i
Smp Info : ICV-2863255;PESTICV~1Z121112~
Misc Info :
Comment :
Method : /chem/SG/SGZECDF1.i/1Z121112.b/z3-808182-e1.m
Meth Date : 12-Dec-2012 11:53 meincke Quant Type: ISTD
Cal Date : 12-DEC-2012 00:14 Cal File: z111040.d
Als bottle: 20 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SGPEST.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.268	4.268	(1.000)	67886973	67886973	0.10000	0.100	80.00- 120.00	100.00
\$	2	Tetrachloro-m-xylene				CAS #: 877-09-8		
5.554	5.554	(1.301)	26167756	26167756	0.04000	0.0390	80.00- 120.00	100.00
5	alpha-BHC					CAS #: 319-84-6		
6.531	6.531	(1.530)	18560926	18560926	0.02000	0.0203	80.00- 120.00	100.00
6	gamma-BHC (Lindane)					CAS #: 58-89-9		
7.093	7.093	(1.662)	16994590	16994590	0.02000	0.0202	80.00- 120.00	100.00
7	beta-BHC					CAS #: 319-85-7		
7.263	7.263	(1.702)	7592869	7592869	0.02000	0.0195	80.00- 120.00	100.00
8	delta-BHC					CAS #: 319-86-8		
7.568	7.568	(1.773)	14558824	14558824	0.02000	0.0204	80.00- 120.00	100.00
9	Heptachlor					CAS #: 76-44-8		
7.928	7.928	(1.858)	16925548	16925548	0.02000	0.0204	80.00- 120.00	100.00
10	Aldrin					CAS #: 309-00-2		
8.446	8.446	(1.979)	17055704	17055704	0.02000	0.0200	80.00- 120.00	100.00
13	Heptachlor epoxide					CAS #: 1024-57-3		
9.506	9.506	(2.227)	16191858	16191858	0.02000	0.0200	80.00- 120.00	100.00

RT	EXP RT (REL RT)	AMOUNTS					
		CAL-AMT		ON-COL		TARGET RANGE	RATIO
		RESPONSE	(ug/mL)	(ug/mL)	=====		
14	gamma-Chlordane		CAS #: 5103-74-2				
9.723	9.723 (2.278)	16217146	16217146	0.02000	0.0199	80.00- 120.00	100.00
15	alpha-Chlordane		CAS #: 5103-71-9				
9.951	9.951 (2.332)	15977255	15977255	0.02000	0.0199	80.00- 120.00	100.00
16	4,4'-DDE		CAS #: 72-55-9				
10.126	10.126 (2.373)	13996874	13996874	0.02000	0.0198	80.00- 120.00	100.00
17	Endosulfan I		CAS #: 959-98-8				
10.173	10.173 (2.384)	15185331	15185331	0.02000	0.0200	80.00- 120.00	100.00
19	Dieldrin		CAS #: 60-57-1				
10.584	10.584 (2.480)	15880360	15880360	0.02000	0.0201	80.00- 120.00	100.00(M)
21	Endrin		CAS #: 72-20-8				
10.973	10.973 (2.571)	12400140	12400140	0.02000	0.0206	80.00- 120.00	100.00
22	4,4'-DDD		CAS #: 72-54-8				
11.141	11.141 (2.611)	11543683	11543683	0.02000	0.0196	80.00- 120.00	100.00
25	Endosulfan II		CAS #: 33213-65-9				
11.354	11.354 (2.660)	12547949	12547949	0.02000	0.0201	80.00- 120.00	100.00
26	4,4'-DDT		CAS #: 50-29-3				
11.609	11.609 (2.720)	11113165	11113165	0.02000	0.0211	80.00- 120.00	100.00
27	Endrin aldehyde		CAS #: 7421-93-4				
12.069	12.069 (2.828)	10023335	10023335	0.02000	0.0211	80.00- 120.00	100.00
28	Methoxychlor		CAS #: 72-43-5				
12.459	12.459 (2.919)	6233017	6233017	0.02000	0.0211	80.00- 120.00	100.00
30	Endosulfan sulfate		CAS #: 1031-07-8				
12.804	12.804 (3.000)	10865022	10865022	0.02000	0.0210	80.00- 120.00	100.00
31	Endrin ketone		CAS #: 53494-70-5				
13.264	13.264 (3.108)	14228367	14228367	0.02000	0.0210	80.00- 120.00	100.00
\$ 32	DCB Decachlorobiphenyl		CAS #: 2051-24-3				
15.008	15.008 (3.517)	28561735	28561735	0.04000	0.0406	80.00- 120.00	100.00

Data File: /chem/SG/SGZECDF1.i/1Z121112.b/z111020.d
Report Date: 12-Dec-2012 11:53

Page 3

QC Flag Legend

M - Compound response manually integrated.

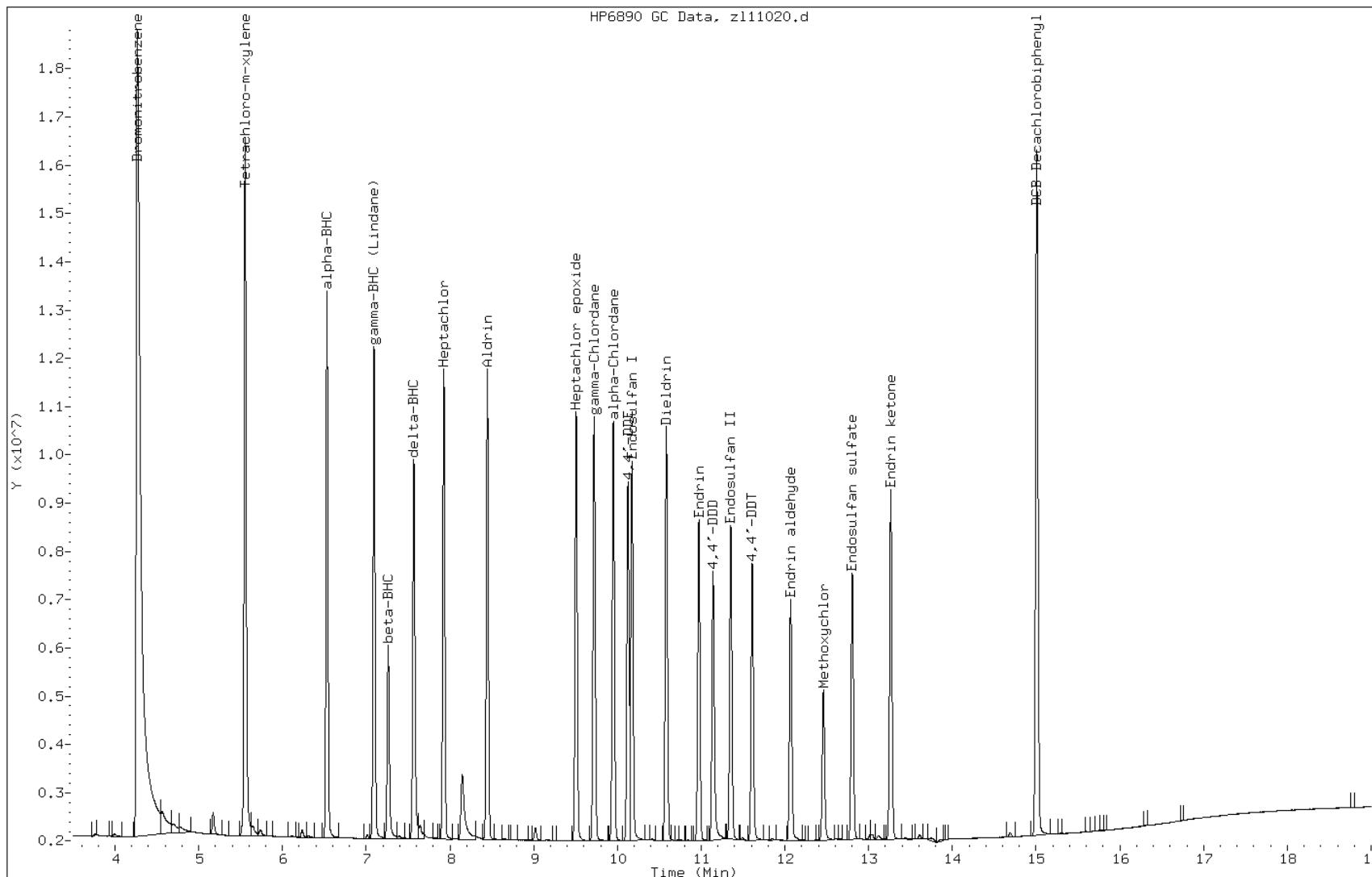
Data File: z111020.d

Date: 11-DEC-2012 16:15

Client ID:

Instrument: SGZECD1.i

Sample Info: ICV-2863255;PESTICV~1Z121112~ Operator:



Manual Integration Report

Data File: z111020.d
Inj. Date and Time: 11-DEC-2012 16:15
Instrument ID: SGZEC1.i
Client ID:
Compound: 19 Dieldrin
CAS #: 60-57-1
Report Date: 12/12/2012

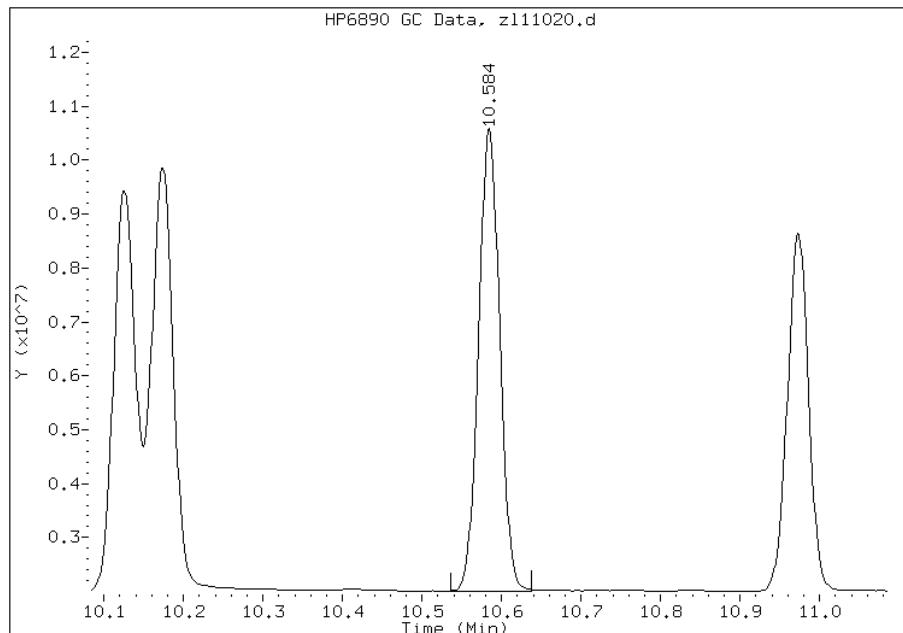
Processing Integration Results

Not Detected

Expected RT: 10.58

Manual Integration Results

RT: 10.58
Response: 15880360
Amount: 0.02
Conc: 0.02



Manually Integrated By: meincke
Manual Integration Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: ICV 680-259538/18

Calibration Date: 12/11/2012 16:15

Instrument ID: SGZ

Calib Start Date: 12/11/2012 13:36

GC Column: CLP II ID: 0.32 (mm)

Calib End Date: 12/11/2012 15:51

Lab File ID: z111020.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.233	1.254		20.4	20.0	1.7	20.0
gamma-BHC (Lindane)	Ave	1.135	1.143		20.2	20.0	0.7	20.0
beta-BHC	Ave	0.5269	0.5234		19.9	20.0	-0.7	20.0
delta-BHC	Ave	0.9477	0.9644		20.4	20.0	1.8	20.0
Heptachlor	Ave	1.074	1.087		20.3	20.0	1.2	20.0
Aldrin	Ave	1.139	1.149		20.2	20.0	0.9	20.0
Heptachlor epoxide	Ave	1.093	1.078		19.8	20.0	-1.4	20.0
gamma-Chlordane	Ave	1.129	1.115		19.8	20.0	-1.3	
alpha-Chlordane	Ave	1.065	1.066		20.1	20.0	0.1	
Endosulfan I	Ave	0.9166	0.9271		20.3	20.0	1.1	20.0
4,4'-DDE	Ave	1.016	1.027		20.3	20.0	1.1	20.0
Dieldrin	Ave	1.062	1.081		20.4	20.0	1.8	20.0
Endrin	Ave	0.7859	0.8132		20.7	20.0	3.5	20.0
4,4"-DDD	Ave	0.7794	0.7898		20.3	20.0	1.3	20.0
Endosulfan II	Ave	0.8419	0.8730		20.8	20.0	3.7	20.0
4,4'-DDT	Ave	0.6408	0.6946		21.7	20.0	8.4	20.0
Endrin aldehyde	Ave	0.6137	0.6549		21.4	20.0	6.7	20.0
Endosulfan sulfate	Ave	0.6619	0.7084		21.4	20.0	7.0	20.0
Methoxychlor	Ave	0.3772	0.4000		21.3	20.0	6.0	20.0
Endrin ketone	Ave	0.9109	0.9325		20.5	20.0	2.4	20.0
Tetrachloro-m-xylene	Ave	0.9865	1.198		38.9	32.0	21.4*	20.0
DCB Decachlorobiphenyl	Ave	0.9524	1.185		39.8	32.0	24.4*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: ICV 680-259538/18	Calibration Date: 12/11/2012 16:15
Instrument ID: SGZ	Calib Start Date: 12/11/2012 13:36
GC Column: CLP II	Calib End Date: 12/11/2012 15:51
Lab File ID: z111020.d	

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	6.62	6.57	6.67
gamma-BHC (Lindane)	7.25	7.20	7.30
beta-BHC	7.43	7.38	7.48
delta-BHC	7.93	7.88	7.98
Heptachlor	8.01	7.96	8.06
Aldrin	8.56	8.51	8.61
Heptachlor epoxide	9.57	9.52	9.62
gamma-Chlordane	9.89	9.84	9.94
alpha-Chlordane	10.15	10.10	10.20
Endosulfan I	10.22	10.17	10.27
4,4'-DDE	10.49	10.44	10.54
Dieldrin	10.69	10.64	10.74
Endrin	11.20	11.15	11.25
4,4'-DDD	11.47	11.42	11.52
Endosulfan II	11.57	11.52	11.62
4,4'-DDT	11.99	11.94	12.04
Endrin aldehyde	12.15	12.10	12.20
Endosulfan sulfate	12.62	12.57	12.67
Methoxychlor	13.19	13.14	13.24
Endrin ketone	13.50	13.45	13.55
Tetrachloro-m-xylene	5.54	5.49	5.59
DCB Decachlorobiphenyl	15.64	15.59	15.69

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGZECD2.i/1Z121112.b/z111020.d
Lab Smp Id: ICV-2863255;PESTICV
Inj Date : 11-DEC-2012 16:15
Operator : Inst ID: SGZECD2.i
Smp Info : ICV-2863255;PESTICV~1Z121112~
Misc Info :
Comment :
Method : /chem/SG/SGZECD2.i/1Z121112.b/z3-808182-e2.m
Meth Date : 12-Dec-2012 14:13 meincke Quant Type: ISTD
Cal Date : 12-DEC-2012 00:14 Cal File: z111040.d
Als bottle: 20 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SGPEST.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.093	4.093	(1.000)	89631913	89631913	0.10000	0.100	80.00- 120.00	100.00
\$	2	Tetrachloro-m-xylene				CAS #: 877-09-8		
5.544	5.544	(1.355)	34354596	34354596	0.04000	0.0388	80.00- 120.00	100.00
5	alpha-BHC					CAS #: 319-84-6		
6.619	6.619	(1.617)	22529867	22529867	0.02000	0.0204	80.00- 120.00	100.00
6	gamma-BHC (Lindane)					CAS #: 58-89-9		
7.249	7.249	(1.771)	20527494	20527494	0.02000	0.0202	80.00- 120.00	100.00
7	beta-BHC					CAS #: 319-85-7		
7.426	7.426	(1.814)	9401006	9401006	0.02000	0.0199	80.00- 120.00	100.00
8	delta-BHC					CAS #: 319-86-8		
7.933	7.933	(1.938)	17322764	17322764	0.02000	0.0204	80.00- 120.00	100.00
9	Heptachlor					CAS #: 76-44-8		
8.011	8.011	(1.957)	19531506	19531506	0.02000	0.0203	80.00- 120.00	100.00
10	Aldrin					CAS #: 309-00-2		
8.563	8.563	(2.092)	20642380	20642380	0.02000	0.0202	80.00- 120.00	100.00
13	Heptachlor epoxide					CAS #: 1024-57-3		
9.566	9.566	(2.337)	19368104	19368104	0.02000	0.0198	80.00- 120.00	100.00

RT	EXP RT (REL RT)	AMOUNTS						
		RESPONSE	(ug/mL)	CAL-AMT	ON-COL	TARGET RANGE		RATIO
						=====	=====	
14	gamma-Chlordane			CAS #: 5103-74-2				
9.894	9.894 (2.418)	20018931	20018931	0.02000	0.0198	80.00- 120.00	100.00	
15	alpha-Chlordane			CAS #: 5103-71-9				
10.146	10.146 (2.479)	19146294	19146294	0.02000	0.0201	80.00- 120.00	100.00	
16	4,4'-DDE			CAS #: 72-55-9				
10.489	10.489 (2.563)	18454291	18454291	0.02000	0.0202	80.00- 120.00	100.00	
17	Endosulfan I			CAS #: 959-98-8				
10.224	10.224 (2.498)	16652542	16652542	0.02000	0.0203	80.00- 120.00	100.00	
19	Dieldrin			CAS #: 60-57-1				
10.694	10.694 (2.613)	19411003	19411003	0.02000	0.0204	80.00- 120.00	100.00	
21	Endrin			CAS #: 72-20-8				
11.201	11.201 (2.737)	14607340	14607340	0.02000	0.0207	80.00- 120.00	100.00	
22	4,4'-DDD			CAS #: 72-54-8				
11.473	11.473 (2.803)	14186172	14186172	0.02000	0.0203	80.00- 120.00	100.00	
25	Endosulfan II			CAS #: 33213-65-9				
11.571	11.571 (2.827)	15681508	15681508	0.02000	0.0208	80.00- 120.00	100.00	
26	4,4'-DDT			CAS #: 50-29-3				
11.994	11.994 (2.931)	12476258	12476258	0.02000	0.0217	80.00- 120.00	100.00	
27	Endrin aldehyde			CAS #: 7421-93-4				
12.151	12.151 (2.969)	11763874	11763874	0.02000	0.0214	80.00- 120.00	100.00	
28	Methoxychlor			CAS #: 72-43-5				
13.191	13.191 (3.223)	7184408	7184408	0.02000	0.0212	80.00- 120.00	100.00	
30	Endosulfan sulfate			CAS #: 1031-07-8				
12.621	12.621 (3.084)	12724024	12724024	0.02000	0.0214	80.00- 120.00	100.00	
31	Endrin ketone			CAS #: 53494-70-5				
13.498	13.498 (3.298)	16750197	16750197	0.02000	0.0205	80.00- 120.00	100.00	
\$ 32	DCB Decachlorobiphenyl			CAS #: 2051-24-3				
15.639	15.639 (3.821)	33990169	33990169	0.04000	0.0398	80.00- 120.00	100.00	

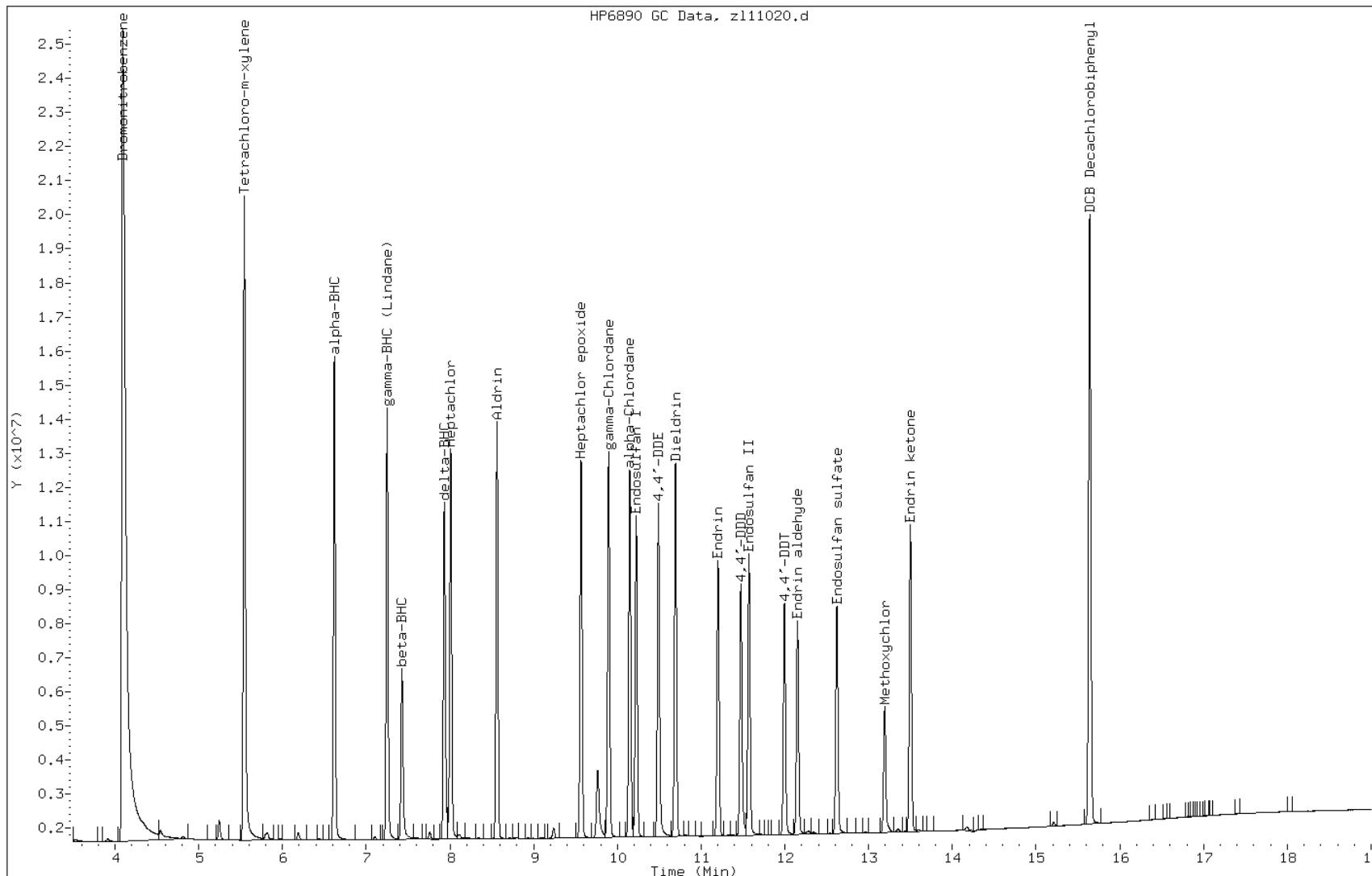
Data File: z111020.d

Date: 11-DEC-2012 16:15

Client ID:

Instrument: SGZEC2D.i

Sample Info: ICV-2863255;PESTICV~1Z121112~ Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: CCVIS 680-260421/2 Calibration Date: 12/17/2012 22:58

Instrument ID: SGZ Calib Start Date: 12/11/2012 13:36

GC Column: CLP I ID: 0.32 (mm) Calib End Date: 12/11/2012 15:51

Lab File ID: z117025.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.348	1.410		20.9	20.0	4.7	20.0
gamma-BHC (Lindane)	Ave	1.242	1.286		20.7	20.0	3.6	20.0
beta-BHC	Ave	0.5726	0.5613		19.6	20.0	-2.0	20.0
delta-BHC	Ave	1.049	1.169		22.3	20.0	11.4	20.0
Heptachlor	Ave	1.223	1.257		20.6	20.0	2.8	20.0
Aldrin	Ave	1.255	1.253		20.0	20.0	-0.2	20.0
Heptachlor epoxide	Ave	1.195	1.189		19.9	20.0	-0.5	20.0
gamma-Chlordane	Ave	1.199	1.189		19.8	20.0	-0.9	
alpha-Chlordane	Ave	1.182	1.179		20.0	20.0	-0.2	
4,4'-DDE	Ave	1.038	0.995		19.2	20.0	-4.1	20.0
Endosulfan I	Ave	1.117	1.276		22.9	20.0	14.3	20.0
Dieldrin	Ave	1.165	1.183		20.3	20.0	1.5	20.0
Endrin	Ave	0.8846	0.9659		21.8	20.0	9.2	20.0
4,4'-DDD	Ave	0.8654	0.9093		21.0	20.0	5.1	20.0
Endosulfan II	Ave	0.9193	1.045		22.7	20.0	13.7	20.0
4,4'-DDT	Ave	0.7767	0.8780		22.6	20.0	13.0	20.0
Endrin aldehyde	Ave	0.6988	0.8395		24.0	20.0	20.1*	20.0
Methoxychlor	Ave	0.4349	0.5133		23.6	20.0	18.0	20.0
Endosulfan sulfate	Ave	0.7606	0.9293		24.4	20.0	22.2*	20.0
Endrin ketone	Ave	0.996	1.228		24.7	20.0	23.4*	20.0
Tetrachloro-m-xylene	Ave	0.9873	0.9650		39.1	40.0	-2.3	20.0
DCB Decachlorobiphenyl	Ave	1.036	1.111		42.9	40.0	7.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: CCVIS 680-260421/2	Calibration Date: 12/17/2012 22:58
Instrument ID: SGZ	Calib Start Date: 12/11/2012 13:36
GC Column: CLP I	Calib End Date: 12/11/2012 15:51
Lab File ID: z117025.d	

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	6.47	6.42	6.52
gamma-BHC (Lindane)	7.02	6.97	7.07
beta-BHC	7.20	7.15	7.25
delta-BHC	7.50	7.45	7.55
Heptachlor	7.86	7.81	7.91
Aldrin	8.37	8.32	8.42
Heptachlor epoxide	9.43	9.38	9.48
gamma-Chlordane	9.65	9.60	9.70
alpha-Chlordane	9.87	9.82	9.92
4,4'-DDE	10.05	10.00	10.10
Endosulfan I	10.10	10.05	10.15
Dieldrin	10.51	10.46	10.56
Endrin	10.89	10.84	10.94
4,4'-DDD	11.07	11.02	11.12
Endosulfan II	11.27	11.22	11.32
4,4'-DDT	11.53	11.48	11.58
Endrin aldehyde	11.99	11.94	12.04
Methoxychlor	12.38	12.33	12.43
Endosulfan sulfate	12.72	12.67	12.77
Endrin ketone	13.18	13.13	13.23
Tetrachloro-m-xylene	5.49	5.44	5.54
DCB Decachlorobiphenyl	14.93	14.88	14.98

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGZECDF1.i/2Z121712.b/z117025.d
Lab Smp Id: CCVIS-2862989;PEST4
Inj Date : 17-DEC-2012 22:58
Operator : Inst ID: SGZECDF1.i
Smp Info : CCV-2862989;PEST-4~2Z121712~
Misc Info :
Comment :
Method : /chem/SG/SGZECDF1.i/2Z121712.b/z3-808182-e1.m
Meth Date : 19-Dec-2012 14:36 meincke Quant Type: ISTD
Cal Date : 11-DEC-2012 23:02 Cal File: z111037.d
Als bottle: 25 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SGPEST.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.223	4.223	(1.000)	65823539	65823539	0.10000	0.100	80.00- 120.00	100.00
\$	2	Tetrachloro-m-xylene				CAS #: 877-09-8		
5.495	5.495	(1.301)	25408763	25408763	0.04000	0.0391	80.00- 120.00	100.00
5	alpha-BHC					CAS #: 319-84-6		
6.467	6.467	(1.531)	18567002	18567002	0.02000	0.0209	80.00- 120.00	100.00
6	gamma-BHC (Lindane)					CAS #: 58-89-9		
7.025	7.025	(1.663)	16929886	16929886	0.02000	0.0207	80.00- 120.00	100.00
7	beta-BHC					CAS #: 319-85-7		
7.197	7.197	(1.704)	7388768	7388768	0.02000	0.0196	80.00- 120.00	100.00
8	delta-BHC					CAS #: 319-86-8		
7.500	7.500	(1.776)	15394058	15394058	0.02000	0.0223	80.00- 120.00	100.00
9	Heptachlor					CAS #: 76-44-8		
7.857	7.857	(1.860)	16544327	16544327	0.02000	0.0206	80.00- 120.00	100.00
10	Aldrin					CAS #: 309-00-2		
8.373	8.373	(1.983)	16491065	16491065	0.02000	0.0200	80.00- 120.00	100.00
13	Heptachlor epoxide					CAS #: 1024-57-3		
9.432	9.432	(2.233)	15657372	15657372	0.02000	0.0199	80.00- 120.00	100.00

RT	EXP RT (REL RT)	AMOUNTS		TARGET RANGE	RATIO	
		CAL-AMT	ON-COL			
==	=====	=====	=====	=====	=====	
14	gamma-Chlordane			CAS #: 5103-74-2		
9.647	9.647 (2.284)	15649941	15649941	0.02000	0.0198 80.00- 120.00	100.00
15	alpha-Chlordane			CAS #: 5103-71-9		
9.875	9.875 (2.338)	15527012	15527012	0.02000	0.0200 80.00- 120.00	100.00
16	4,4'-DDE			CAS #: 72-55-9		
10.053	10.053 (2.380)	13102495	13102495	0.02000	0.0192 80.00- 120.00	100.00
17	Endosulfan I			CAS #: 959-98-8		
10.097	10.097 (2.391)	16797885	16797885	0.02000	0.0228 80.00- 120.00	100.00
19	Dieldrin			CAS #: 60-57-1		
10.507	10.507 (2.488)	15568105	15568105	0.02000	0.0203 80.00- 120.00	100.00
21	Endrin			CAS #: 72-20-8		
10.893	10.893 (2.579)	12716298	12716298	0.02000	0.0218 80.00- 120.00	100.00
22	4,4'-DDD			CAS #: 72-54-8		
11.068	11.068 (2.621)	11970175	11970175	0.02000	0.0210 80.00- 120.00	100.00
25	Endosulfan II			CAS #: 33213-65-9		
11.275	11.275 (2.670)	13757843	13757843	0.02000	0.0227 80.00- 120.00	100.00
26	4,4'-DDT			CAS #: 50-29-3		
11.533	11.533 (2.731)	11559077	11559077	0.02000	0.0226 80.00- 120.00	100.00
27	Endrin aldehyde			CAS #: 7421-93-4		
11.990	11.990 (2.839)	11051818	11051818	0.02000	0.0240 80.00- 120.00	100.00
28	Methoxychlor			CAS #: 72-43-5		
12.385	12.385 (2.933)	6756996	6756996	0.02000	0.0236 80.00- 120.00	100.00
30	Endosulfan sulfate			CAS #: 1031-07-8		
12.723	12.723 (3.013)	12234331	12234331	0.02000	0.0244 80.00- 120.00	100.00
31	Endrin ketone			CAS #: 53494-70-5		
13.182	13.182 (3.121)	16168755	16168755	0.02000	0.0247 80.00- 120.00	100.00
\$ 32	DCB Decachlorobiphenyl			CAS #: 2051-24-3		
14.927	14.927 (3.534)	29255007	29255007	0.04000	0.0429 80.00- 120.00	100.00

Data File: z117025.d

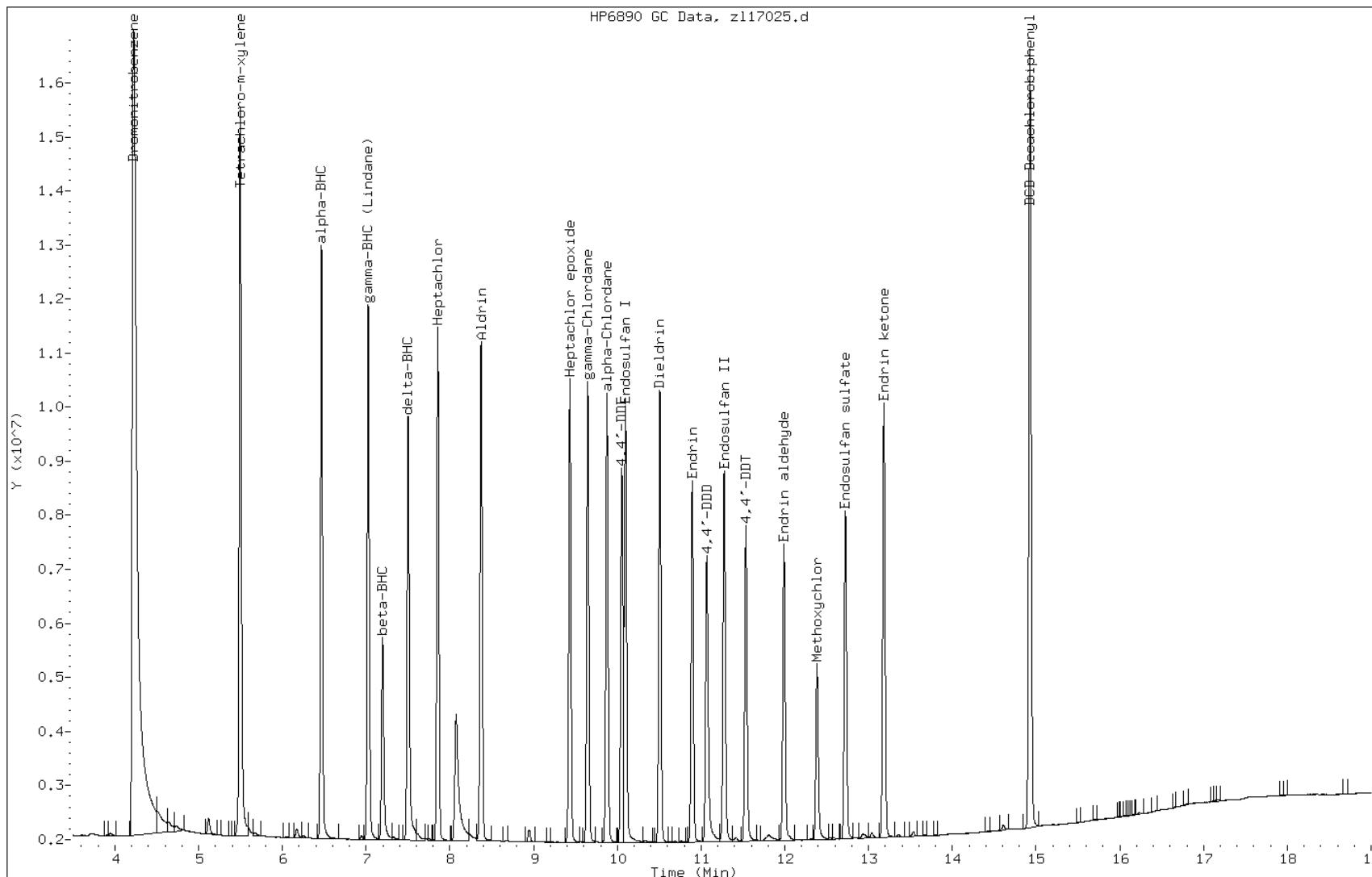
Date: 17-DEC-2012 22:58

Client ID:

Instrument: SGZECD1.i

Sample Info: CCV-2862989;PEST-4~2Z121712~

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Lab Sample ID: CCVIS 680-260421/2

Calibration Date: 12/17/2012 22:58

Instrument ID: SGZ

Calib Start Date: 12/11/2012 13:36

GC Column: CLP II ID: 0.32 (mm)

Calib End Date: 12/11/2012 15:51

Lab File ID: z117025.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.233	1.226		19.9	20.0	-0.5	20.0
gamma-BHC (Lindane)	Ave	1.135	1.140		20.1	20.0	0.5	20.0
beta-BHC	Ave	0.5269	0.5901		22.4	20.0	12.0	20.0
delta-BHC	Ave	0.9477	0.9411		19.9	20.0	-0.7	20.0
Heptachlor	Ave	1.074	1.141		21.2	20.0	6.2	20.0
Aldrin	Ave	1.139	1.115		19.6	20.0	-2.1	20.0
Heptachlor epoxide	Ave	1.093	1.125		20.6	20.0	2.9	20.0
gamma-Chlordane	Ave	1.129	1.165		20.6	20.0	3.2	
alpha-Chlordane	Ave	1.065	1.142		21.5	20.0	7.3	
Endosulfan I	Ave	0.9166	1.024		22.3	20.0	11.7	20.0
4,4'-DDE	Ave	1.016	0.9526		18.7	20.0	-6.3	20.0
Dieldrin	Ave	1.062	1.056		19.9	20.0	-0.5	20.0
Endrin	Ave	0.7859	0.8541		21.7	20.0	8.7	20.0
4,4"-DDD	Ave	0.7794	0.7887		20.2	20.0	1.2	20.0
Endosulfan II	Ave	0.8419	1.018		24.2	20.0	20.9*	20.0
4,4'-DDT	Ave	0.6408	0.7077		22.1	20.0	10.4	20.0
Endrin aldehyde	Ave	0.6137	0.8079		26.3	20.0	31.6*	20.0
Endosulfan sulfate	Ave	0.6619	0.8812		26.6	20.0	33.1*	20.0
Methoxychlor	Ave	0.3772	0.4763		25.3	20.0	26.3*	20.0
Endrin ketone	Ave	0.9109	1.153		25.3	20.0	26.6*	20.0
Tetrachloro-m-xylene	Ave	0.9865	1.042		42.2	40.0	5.6	20.0
DCB Decachlorobiphenyl	Ave	0.9524	1.093		45.9	40.0	14.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: CCVIS 680-260421/2	Calibration Date: 12/17/2012 22:58
Instrument ID: SGZ	Calib Start Date: 12/11/2012 13:36
GC Column: CLP II	Calib End Date: 12/11/2012 15:51
Lab File ID: z117025.d	

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	6.55	6.50	6.60
gamma-BHC (Lindane)	7.18	7.13	7.23
beta-BHC	7.36	7.31	7.41
delta-BHC	7.86	7.81	7.91
Heptachlor	7.94	7.89	7.99
Aldrin	8.49	8.44	8.54
Heptachlor epoxide	9.49	9.44	9.54
gamma-Chlordane	9.82	9.77	9.87
alpha-Chlordane	10.07	10.02	10.12
Endosulfan I	10.15	10.10	10.20
4,4'-DDE	10.41	10.36	10.46
Dieldrin	10.61	10.56	10.66
Endrin	11.12	11.07	11.17
4,4'-DDD	11.39	11.34	11.44
Endosulfan II	11.49	11.44	11.54
4,4'-DDT	11.92	11.87	11.97
Endrin aldehyde	12.07	12.02	12.12
Endosulfan sulfate	12.54	12.49	12.59
Methoxychlor	13.11	13.06	13.16
Endrin ketone	13.41	13.36	13.46
Tetrachloro-m-xylene	5.48	5.43	5.53
DCB Decachlorobiphenyl	15.55	15.50	15.60

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGZECD2.i/2Z121712.b/z117025.d
Lab Smp Id: CCVIS-2862989;PEST4
Inj Date : 17-DEC-2012 22:58
Operator : Inst ID: SGZECD2.i
Smp Info : CCV-2862989;PEST-4~2Z121712~
Misc Info :
Comment :
Method : /chem/SG/SGZECD2.i/2Z121712.b/z3-808182-e2.m
Meth Date : 19-Dec-2012 14:35 meincke Quant Type: ISTD
Cal Date : 11-DEC-2012 23:02 Cal File: z111037.d
Als bottle: 25 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SGPEST.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.052	4.052	(1.000)	70337451	70337451	0.10000	0.100	80.00- 120.00	100.00
\$	2	Tetrachloro-m-xylene				CAS #:	877-09-8	
5.485	5.485	(1.354)	29313204	29313204	0.04000	0.0422	80.00- 120.00	100.00
5	alpha-BHC					CAS #:	319-84-6	
6.553	6.553	(1.617)	17253274	17253274	0.02000	0.0199	80.00- 120.00	100.00
6	gamma-BHC (Lindane)					CAS #:	58-89-9	
7.182	7.182	(1.773)	16035805	16035805	0.02000	0.0201	80.00- 120.00	100.00
7	beta-BHC					CAS #:	319-85-7	
7.358	7.358	(1.816)	8300909	8300909	0.02000	0.0224	80.00- 120.00	100.00
8	delta-BHC					CAS #:	319-86-8	
7.863	7.863	(1.941)	13238558	13238558	0.02000	0.0199	80.00- 120.00	100.00
9	Heptachlor					CAS #:	76-44-8	
7.937	7.937	(1.959)	16049175	16049175	0.02000	0.0212	80.00- 120.00	100.00
10	Aldrin					CAS #:	309-00-2	
8.487	8.487	(2.095)	15688703	15688703	0.02000	0.0196	80.00- 120.00	100.00
13	Heptachlor epoxide					CAS #:	1024-57-3	
9.490	9.490	(2.342)	15825256	15825256	0.02000	0.0206	80.00- 120.00	100.00

RT	EXP RT (REL RT)	AMOUNTS						
		RESPONSE	(ug/mL)	CAL-AMT	ON-COL	TARGET RANGE		RATIO
						=====	=====	
14	gamma-Chlordane			CAS #: 5103-74-2				
9.817	9.817 (2.423)	16389664	16389664	0.02000	0.0206	80.00- 120.00	100.00	
15	alpha-Chlordane			CAS #: 5103-71-9				
10.068	10.068 (2.485)	16069127	16069127	0.02000	0.0214	80.00- 120.00	100.00	
16	4,4'-DDE			CAS #: 72-55-9				
10.413	10.413 (2.570)	13400873	13400873	0.02000	0.0187	80.00- 120.00	100.00	
17	Endosulfan I			CAS #: 959-98-8				
10.147	10.147 (2.504)	14402905	14402905	0.02000	0.0223	80.00- 120.00	100.00	
19	Dieldrin			CAS #: 60-57-1				
10.613	10.613 (2.620)	14857435	14857435	0.02000	0.0199	80.00- 120.00	100.00	
21	Endrin			CAS #: 72-20-8				
11.120	11.120 (2.745)	12014829	12014829	0.02000	0.0217	80.00- 120.00	100.00	
22	4,4'-DDD			CAS #: 72-54-8				
11.395	11.395 (2.812)	11094871	11094871	0.02000	0.0202	80.00- 120.00	100.00	
25	Endosulfan II			CAS #: 33213-65-9				
11.490	11.490 (2.836)	14317333	14317333	0.02000	0.0242	80.00- 120.00	100.00	
26	4,4'-DDT			CAS #: 50-29-3				
11.917	11.917 (2.941)	9954925	9954925	0.02000	0.0221	80.00- 120.00	100.00	
27	Endrin aldehyde			CAS #: 7421-93-4				
12.068	12.068 (2.979)	11365754	11365754	0.02000	0.0263	80.00- 120.00	100.00	
28	Methoxychlor			CAS #: 72-43-5				
13.113	13.113 (3.237)	6700321	6700321	0.02000	0.0252	80.00- 120.00	100.00	
30	Endosulfan sulfate			CAS #: 1031-07-8				
12.538	12.538 (3.095)	12396824	12396824	0.02000	0.0266	80.00- 120.00	100.00	
31	Endrin ketone			CAS #: 53494-70-5				
13.413	13.413 (3.311)	16226238	16226238	0.02000	0.0253	80.00- 120.00	100.00	
\$ 32	DCB Decachlorobiphenyl			CAS #: 2051-24-3				
15.555	15.555 (3.839)	30756044	30756044	0.04000	0.0459	80.00- 120.00	100.00	

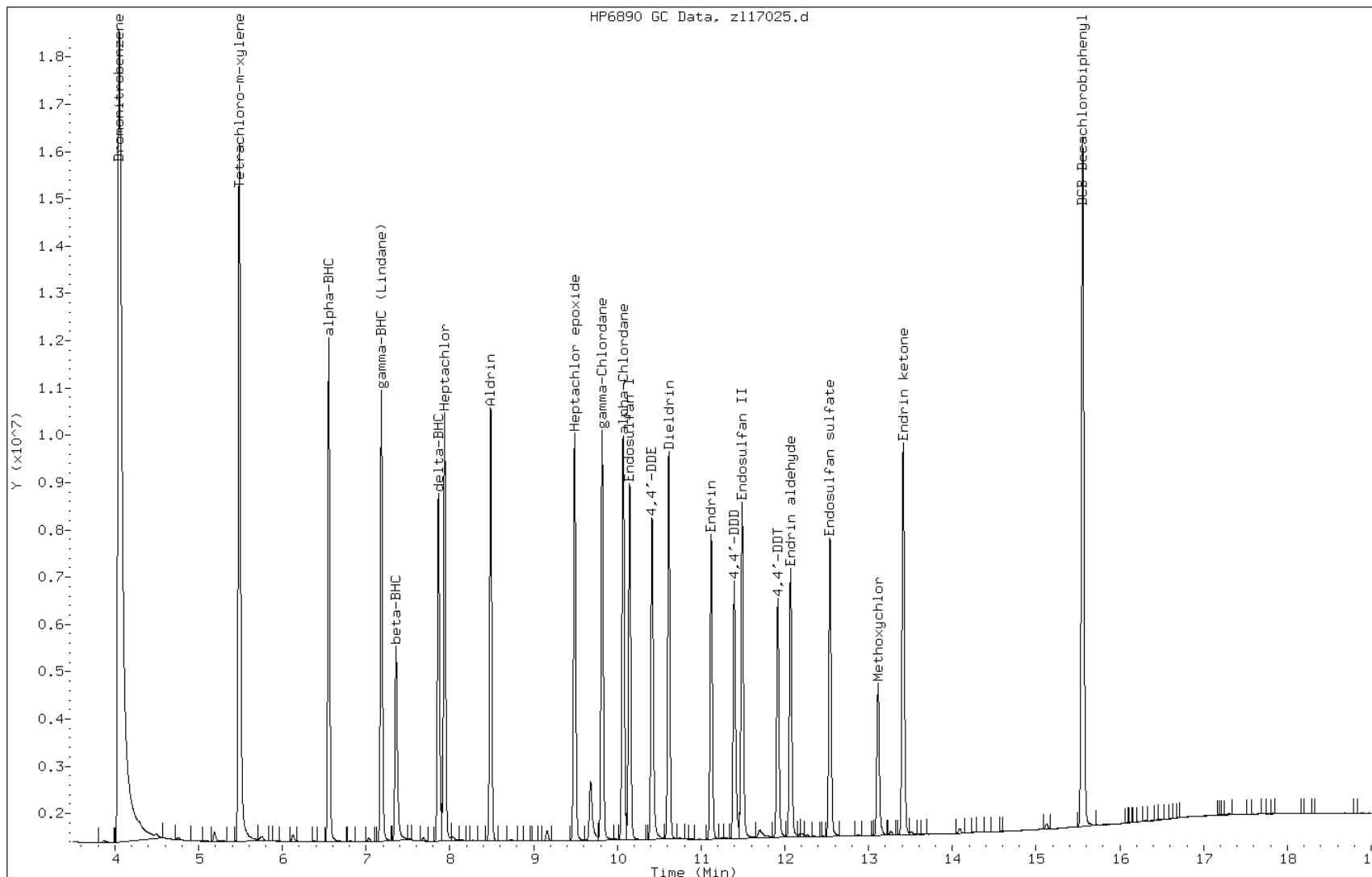
Data File: z117025.d

Date: 17-DEC-2012 22:58

Client ID:

Instrument: SGZECD2.i

Sample Info: CCV-2862989;PEST-4~2Z121712~ Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: ICV 680-260421/17	Calibration Date: 12/18/2012 04:57
Instrument ID: SGZ	Calib Start Date: 12/18/2012 00:57
GC Column: CLP I ID: 0.32 (mm)	Calib End Date: 12/18/2012 02:57
Lab File ID: z117040.d	Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0366	0.0351		960	1000	-4.0	20.0
PCB-1016 Peak 2	Ave	0.0456	0.0445		976	1000	-2.4	20.0
PCB-1016 Peak 3	Ave	0.0337	0.0325		962	1000	-3.8	20.0
PCB-1016 Peak 4	Ave	0.0234	0.0224		954	1000	-4.6	20.0
PCB-1016 Peak 5	Ave	0.0227	0.0157		690	1000	-31.0*	20.0
PCB-1260 Peak 1	Ave	0.0550	0.0613		1120	1000	11.6	20.0
PCB-1260 Peak 2	Ave	0.0317	0.0339		1070	1000	7.1	20.0
PCB-1260 Peak 3	Ave	0.0280	0.0293		1050	1000	4.6	20.0
PCB-1260 Peak 4	Ave	0.1312	0.1440		1100	1000	9.8	20.0
PCB-1260 Peak 5	Ave	0.0650	0.0647		996	1000	-0.4	20.0
Tetrachloro-m-xylene	Ave	1.061	1.035		39.0	40.0	-2.5	20.0
DCB Decachlorobiphenyl	Ave	1.227	1.174		38.3	40.0	-4.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: ICV 680-260421/17	Calibration Date: 12/18/2012 04:57
Instrument ID: SGZ	Calib Start Date: 12/18/2012 00:57
GC Column: CLP I ID: 0.32 (mm)	Calib End Date: 12/18/2012 02:57
Lab File ID: z117040.d	

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	6.74	6.69	6.79
PCB-1016 Peak 2	7.56	7.51	7.61
PCB-1016 Peak 3	7.78	7.73	7.83
PCB-1016 Peak 4	7.89	7.84	7.94
PCB-1016 Peak 5	9.11	9.06	9.16
PCB-1260 Peak 1	11.67	11.62	11.72
PCB-1260 Peak 2	11.75	11.70	11.80
PCB-1260 Peak 3	12.15	12.10	12.20
PCB-1260 Peak 4	12.61	12.56	12.66
PCB-1260 Peak 5	13.09	13.04	13.14
Tetrachloro-m-xylene	5.50	5.45	5.55
DCB Decachlorobiphenyl	14.93	14.88	14.98

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGZECDF1.i/2Z121712.b/z117040.d
Lab Smp Id: ICV-2863281;PCBICV
Inj Date : 18-DEC-2012 04:57
Operator : Inst ID: SGZECDF1.i
Smp Info : ICV-2863281;PCBICV~2Z121712~
Misc Info :
Comment :
Method : /chem/SG/SGZECDF1.i/2Z121712.b/z3-808182-e1.m
Meth Date : 19-Dec-2012 13:11 meincke Quant Type: ISTD
Cal Date : 11-DEC-2012 23:02 Cal File: z111037.d
Als bottle: 40 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.223	4.223	(1.000)	63293474	63293474	0.10000	0.100	80.00- 120.00	100.00
\$	3	Tetrachloro-m-xylene	#			CAS #:	877-09-8	
5.496	5.496	(1.302)	26198388	26198388	0.03200	0.0390	80.00- 120.00	100.00
34	Aroclor-1016					CAS #:	12674-11-2	
6.738	6.738	(1.596)	22204117	22204117	1.00000	0.960	80.00- 120.00	100.00
7.558	7.558	(1.790)	28147866	28147866	1.00000	0.976	105.00- 145.00	126.77
7.781	7.781	(1.843)	20544431	20544431	1.00000	0.962	69.49- 109.49	92.53
7.891	7.891	(1.869)	14144268	14144268	1.00000	0.954	39.45- 79.45	63.70
9.114	9.114	(2.158)	9910097	9910097	1.00000	0.690	32.13- 72.13	44.63
		Average of Peak Amounts =			0.908			
40	Aroclor-1260					CAS #:	11096-82-5	
11.669	11.669	(2.763)	38820215	38820215	1.00000	1.12	80.00- 120.00	100.00
11.749	11.749	(2.782)	21467506	21467506	1.00000	1.07	33.05- 73.05	55.30
12.153	12.153	(2.878)	18550706	18550706	1.00000	1.05	31.49- 71.49	47.79
12.609	12.609	(2.986)	91170790	91170790	1.00000	1.10	198.60- 238.60	234.85
13.086	13.086	(3.099)	40975758	40975758	1.00000	0.996	88.76- 128.76	105.55
		Average of Peak Amounts =			1.07			
\$	33	DCB Decachlorobiphenyl	#			CAS #:	2051-24-3	
14.928	14.928	(3.535)	29724365	29724365	0.03200	0.0383	80.00- 120.00	100.00

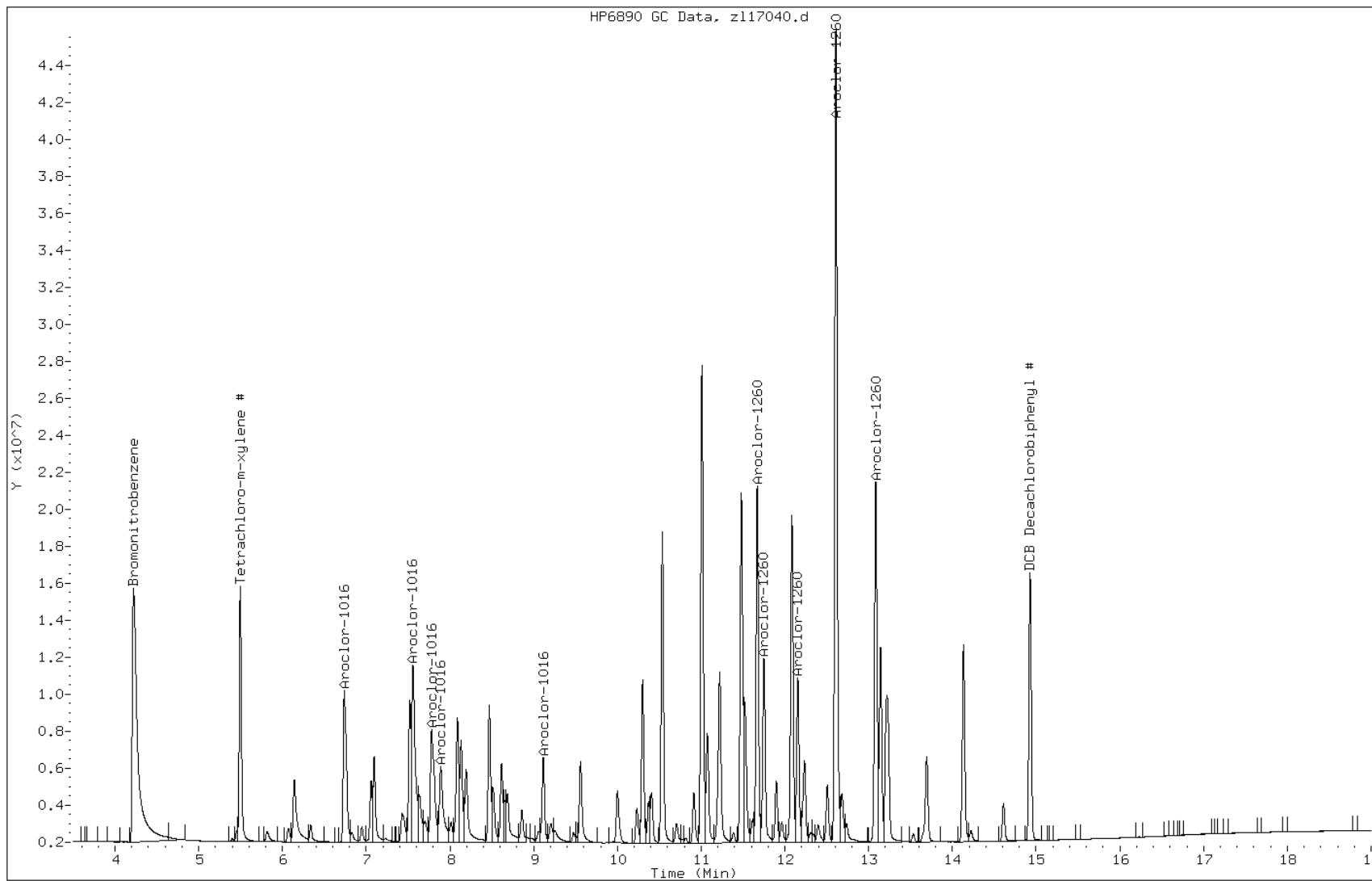
Data File: z117040.d

Date: 18-DEC-2012 04:57

Client ID:

Instrument: SGZECD1.i

Sample Info: ICV-2863281;PCBICV~2Z121712~ Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: ICV 680-260421/17	Calibration Date: 12/18/2012 04:57
Instrument ID: SGZ	Calib Start Date: 12/18/2012 00:57
GC Column: CLP II	Calib End Date: 12/18/2012 02:57
Lab File ID: z117040.d	Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0475	0.0448		944	1000	-5.6	20.0
PCB-1016 Peak 2	Ave	0.0121	0.0114		944	1000	-5.6	20.0
PCB-1016 Peak 3	Ave	0.0214	0.0199		930	1000	-7.0	20.0
PCB-1016 Peak 4	Ave	0.0804	0.0700		871	1000	-12.9	20.0
PCB-1016 Peak 5	Ave	0.0456	0.0422		925	1000	-7.5	20.0
PCB-1260 Peak 1	Ave	0.0546	0.0573		1050	1000	5.0	20.0
PCB-1260 Peak 2	Ave	0.0319	0.0325		1020	1000	1.9	20.0
PCB-1260 Peak 3	Ave	0.0589	0.0614		1040	1000	4.2	20.0
PCB-1260 Peak 4	Ave	0.0325	0.0303		930	1000	-7.0	20.0
PCB-1260 Peak 5	Ave	0.1278	0.1367		1070	1000	6.9	20.0
Tetrachloro-m-xylene	Ave	1.102	1.093		39.7	40.0	-0.8	20.0
DCB Decachlorobiphenyl	Ave	1.279	1.170		36.6	40.0	-8.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: ICV 680-260421/17	Calibration Date: 12/18/2012 04:57
Instrument ID: SGZ	Calib Start Date: 12/18/2012 00:57
GC Column: CLP II	Calib End Date: 12/18/2012 02:57
Lab File ID: z117040.d	

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	7.01	6.96	7.06
PCB-1016 Peak 2	7.37	7.32	7.42
PCB-1016 Peak 3	7.42	7.37	7.47
PCB-1016 Peak 4	7.80	7.75	7.85
PCB-1016 Peak 5	8.03	7.98	8.08
PCB-1260 Peak 1	12.07	12.02	12.12
PCB-1260 Peak 2	12.16	12.11	12.21
PCB-1260 Peak 3	12.56	12.51	12.61
PCB-1260 Peak 4	12.68	12.63	12.73
PCB-1260 Peak 5	12.99	12.94	13.04
Tetrachloro-m-xylene	5.48	5.43	5.53
DCB Decachlorobiphenyl	15.56	15.51	15.61

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGZECD2.i/2Z121712.b/z117040.d
Lab Smp Id: ICV-2863281;PCBICV
Inj Date : 18-DEC-2012 04:57
Operator : Inst ID: SGZECD2.i
Smp Info : ICV-2863281;PCBICV~2Z121712~
Misc Info :
Comment :
Method : /chem/SG/SGZECD2.i/2Z121712.b/z3-808182-e2.m
Meth Date : 19-Dec-2012 14:32 meincke Quant Type: ISTD
Cal Date : 11-DEC-2012 23:02 Cal File: z111037.d
Als bottle: 40 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.049 4.049 (1.000) 66747091 66747091 0.10000 0.100 80.00- 120.00 100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
5.484 5.484 (1.354) 29174430 29174430 0.03200 0.0397 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.013 7.013 (1.732) 29899531 29899531 1.00000 0.944 80.00- 120.00 100.00
7.371 7.371 (1.820) 7596078 7596078 1.00000 0.944 21.81- 61.81 25.41
7.423 7.423 (1.833) 13307408 13307408 1.00000 0.930 57.04- 97.04 44.51
7.803 7.803 (1.927) 46709979 46709979 1.00000 0.871 244.79- 284.79 156.22
8.026 8.026 (1.982) 28166328 28166328 1.00000 0.924 130.07- 170.07 94.20
Average of Peak Amounts = 0.923

40 Aroclor-1260 CAS #: 11096-82-5
12.066 12.066 (2.980) 38264404 38264404 1.00000 1.05 80.00- 120.00 100.00
12.158 12.158 (3.002) 21715346 21715346 1.00000 1.02 36.84- 76.84 56.75
12.558 12.558 (3.101) 40952277 40952277 1.00000 1.04 84.02- 124.02 107.02
12.678 12.678 (3.131) 20192751 20192751 1.00000 0.930 29.57- 69.57 52.77
12.989 12.989 (3.208) 91217335 91217335 1.00000 1.07 196.99- 236.99 238.39
Average of Peak Amounts = 1.02

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
15.556 15.556 (3.842) 31243133 31243133 0.03200 0.0366 80.00- 120.00 100.00

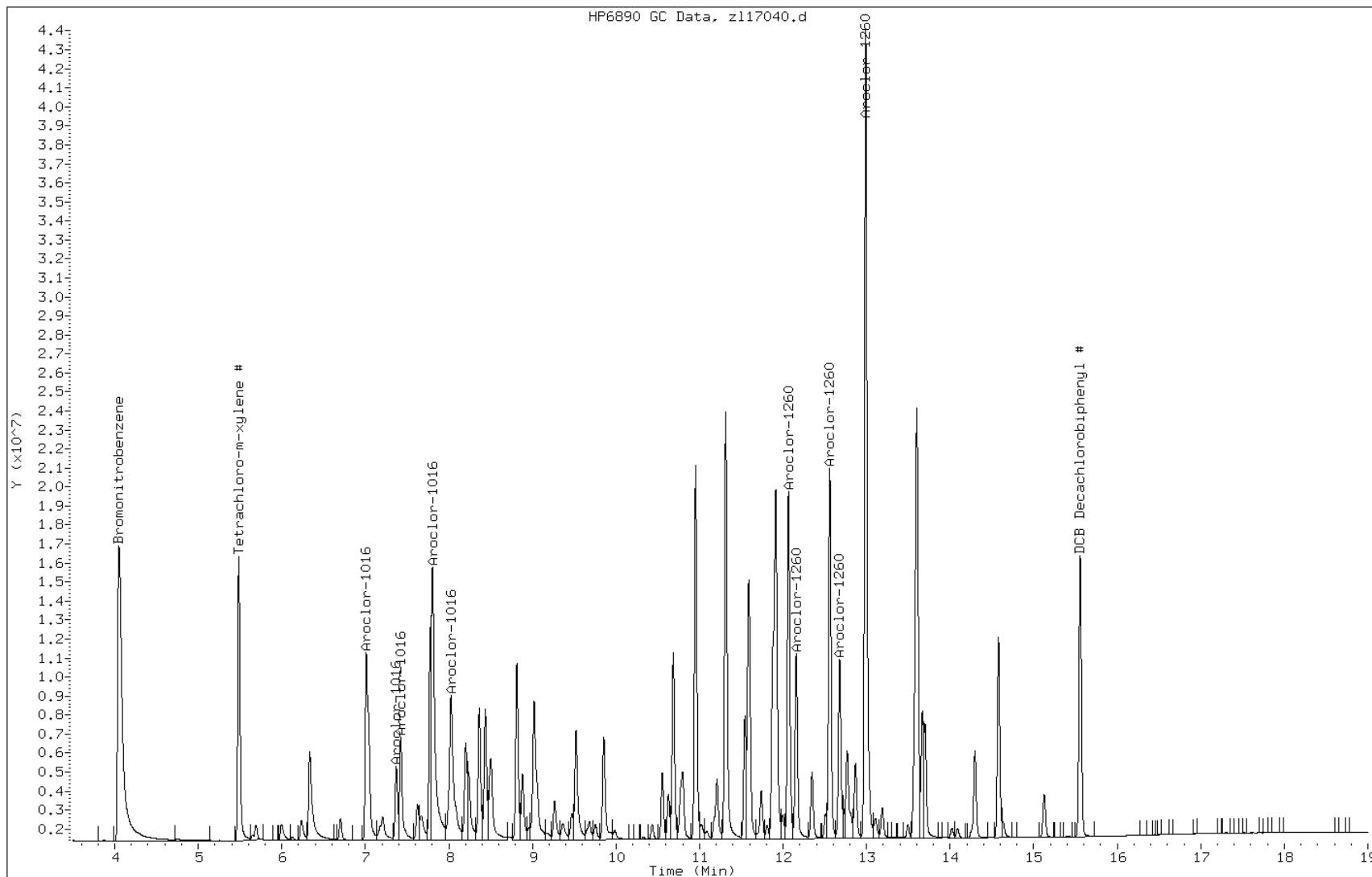
Data File: z117040.d

Date: 18-DEC-2012 04:57

Client ID:

Instrument: SGZECD2.i

Sample Info: ICV-2863281;PCBICV~2Z121712~ Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah Job No.: 680-85585-4
SDG No.: 68085585-3
Lab Sample ID: CCV 680-260439/1 Calibration Date: 12/18/2012 11:44
Instrument ID: SGZ Calib Start Date: 12/18/2012 00:57
GC Column: CLP I ID: 0.32 (mm) Calib End Date: 12/18/2012 02:57
Lab File ID: z117057.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0366	0.0350		958	1000	-4.2	20.0
PCB-1016 Peak 2	Ave	0.0456	0.0462		1010	1000	1.4	20.0
PCB-1016 Peak 3	Ave	0.0337	0.0322		953	1000	-4.7	20.0
PCB-1016 Peak 4	Ave	0.0234	0.0212		905	1000	-9.5	20.0
PCB-1016 Peak 5	Ave	0.0227	0.0202		893	1000	-10.7	20.0
PCB-1260 Peak 1	Ave	0.0550	0.0539		980	1000	-2.0	20.0
PCB-1260 Peak 2	Ave	0.0317	0.0298		942	1000	-5.8	20.0
PCB-1260 Peak 3	Ave	0.0280	0.0263		939	1000	-6.1	20.0
PCB-1260 Peak 4	Ave	0.1312	0.1290		983	1000	-1.7	20.0
PCB-1260 Peak 5	Ave	0.0650	0.0622		957	1000	-4.3	20.0
Tetrachloro-m-xylene	Ave	1.061	1.010		30.5	32.0	-4.8	20.0
DCB Decachlorobiphenyl	Ave	1.227	0.9640		25.1	32.0	-21.4*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: CCV 680-260439/1	Calibration Date: 12/18/2012 11:44
Instrument ID: SGZ	Calib Start Date: 12/18/2012 00:57
GC Column: CLP I	Calib End Date: 12/18/2012 02:57
Lab File ID: z117057.d	

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	6.74	6.69	6.79
PCB-1016 Peak 2	7.55	7.50	7.60
PCB-1016 Peak 3	7.78	7.73	7.83
PCB-1016 Peak 4	7.89	7.84	7.94
PCB-1016 Peak 5	9.11	9.06	9.16
PCB-1260 Peak 1	11.67	11.62	11.72
PCB-1260 Peak 2	11.75	11.70	11.80
PCB-1260 Peak 3	12.15	12.10	12.20
PCB-1260 Peak 4	12.61	12.56	12.66
PCB-1260 Peak 5	13.08	13.03	13.13
Tetrachloro-m-xylene	5.49	5.44	5.54
DCB Decachlorobiphenyl	14.93	14.88	14.98

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGZECDF1.i/3Z121712.b/z117057.d
Lab Smp Id: CCV-2863045;1660-4
Inj Date : 18-DEC-2012 11:44
Operator : Inst ID: SGZECDF1.i
Smp Info : CCV-2863045;1660-4~3Z121712~
Misc Info :
Comment :
Method : /chem/SG/SGZECDF1.i/3Z121712.b/z3-808182-e1.m
Meth Date : 19-Dec-2012 16:54 meincke Quant Type: ISTD
Cal Date : 11-DEC-2012 23:02 Cal File: z111037.d
Als bottle: 57 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
*	1	Bromonitrobenzene				CAS #:		
4.214	4.214	(1.000)	73906326	73906326	0.10000	0.100	80.00- 120.00	100.00
\$	3	Tetrachloro-m-xylene #				CAS #: 877-09-8		
5.494	5.494	(1.304)	23875869	23875869	0.03200	0.0304	80.00- 120.00	100.00
34	Aroclor-1016					CAS #: 12674-11-2		
6.737	6.737	(1.599)	25870064	25870064	1.00000	0.958	80.00- 120.00	100.00
7.554	7.554	(1.793)	34132191	34132191	1.00000	1.01	105.00- 145.00	131.94
7.777	7.777	(1.846)	23758088	23758088	1.00000	0.953	69.49- 109.49	91.84
7.886	7.886	(1.871)	15660880	15660880	1.00000	0.904	39.45- 79.45	60.54
9.113	9.113	(2.162)	14960592	14960592	1.00000	0.892	32.13- 72.13	57.83
		Average of Peak Amounts =			0.944			
40	Aroclor-1260					CAS #: 11096-82-5		
11.669	11.669	(2.769)	39819420	39819420	1.00000	0.980	80.00- 120.00	100.00
11.749	11.749	(2.788)	22036536	22036536	1.00000	0.942	33.05- 73.05	55.34
12.152	12.152	(2.884)	19429068	19429068	1.00000	0.938	31.49- 71.49	48.79
12.609	12.609	(2.992)	95329317	95329317	1.00000	0.983	198.60- 238.60	239.40
13.084	13.084	(3.105)	45945771	45945771	1.00000	0.957	88.76- 128.76	115.39
		Average of Peak Amounts =			0.96			
\$	33	DCB Decachlorobiphenyl #				CAS #: 2051-24-3		
14.928	14.928	(3.542)	22797950	22797950	0.03200	0.0251	80.00- 120.00	100.00

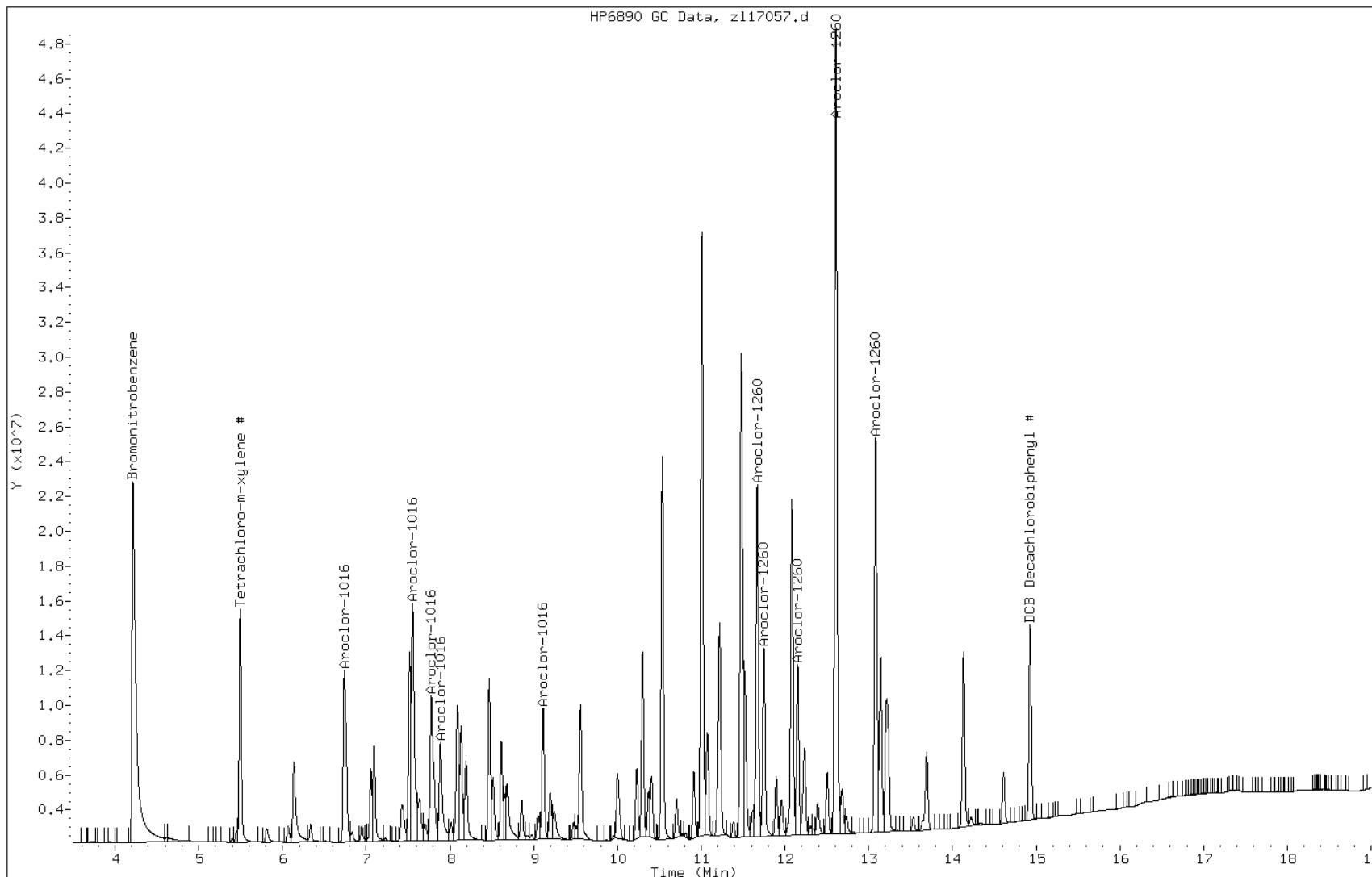
Data File: z117057.d

Date: 18-DEC-2012 11:44

Client ID:

Instrument: SGZECD1.i

Sample Info: CCV-2863045;1660-4~3Z121712~ Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: CCV 680-260439/1	Calibration Date: 12/18/2012 11:44
Instrument ID: SGZ	Calib Start Date: 12/18/2012 00:57
GC Column: CLP II	Calib End Date: 12/18/2012 02:57
Lab File ID: z117057.d	Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0475	0.0440		927	1000	-7.3	20.0
PCB-1016 Peak 2	Ave	0.0121	0.0114		945	1000	-5.5	20.0
PCB-1016 Peak 3	Ave	0.0214	0.0186		870	1000	-13.0	20.0
PCB-1016 Peak 4	Ave	0.0804	0.0665		828	1000	-17.2	20.0
PCB-1016 Peak 5	Ave	0.0456	0.0407		891	1000	-10.9	20.0
PCB-1260 Peak 1	Ave	0.0546	0.0480		879	1000	-12.1	20.0
PCB-1260 Peak 2	Ave	0.0319	0.0257		805	1000	-19.5	20.0
PCB-1260 Peak 3	Ave	0.0589	0.0519		882	1000	-11.8	20.0
PCB-1260 Peak 4	Ave	0.0325	0.0247		759	1000	-24.1*	20.0
PCB-1260 Peak 5	Ave	0.1278	0.1189		931	1000	-6.9	20.0
Tetrachloro-m-xylene	Ave	1.102	1.071		31.1	32.0	-2.8	20.0
DCB Decachlorobiphenyl	Ave	1.279	0.9486		23.7	32.0	-25.9*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Lab Sample ID: CCV 680-260439/1	Calibration Date: 12/18/2012 11:44
Instrument ID: SGZ	Calib Start Date: 12/18/2012 00:57
GC Column: CLP II	Calib End Date: 12/18/2012 02:57
Lab File ID: z117057.d	

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	7.01	6.96	7.06
PCB-1016 Peak 2	7.37	7.32	7.42
PCB-1016 Peak 3	7.42	7.37	7.47
PCB-1016 Peak 4	7.80	7.75	7.85
PCB-1016 Peak 5	8.02	7.97	8.07
PCB-1260 Peak 1	12.07	12.02	12.12
PCB-1260 Peak 2	12.16	12.11	12.21
PCB-1260 Peak 3	12.56	12.51	12.61
PCB-1260 Peak 4	12.68	12.63	12.73
PCB-1260 Peak 5	12.99	12.94	13.04
Tetrachloro-m-xylene	5.48	5.43	5.53
DCB Decachlorobiphenyl	15.56	15.51	15.61

TESTAMERICA SAVANNAH

8081/8082 PESTICIDE/PCB

Data file : /chem/SG/SGZEC2.i/3Z121712.b/z117057.d
Lab Smp Id: CCV-2863045;1660-4
Inj Date : 18-DEC-2012 11:44
Operator : Inst ID: SGZEC2.i
Smp Info : CCV-2863045;1660-4~3Z121712~
Misc Info :
Comment :
Method : /chem/SG/SGZEC2.i/3Z121712.b/z3-808182-e2.m
Meth Date : 19-Dec-2012 16:53 meincke Quant Type: ISTD
Cal Date : 11-DEC-2012 23:02 Cal File: z111037.d
Als bottle: 57 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SG1660.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: savchem3

AMOUNTS

CAL-AMT ON-COL

RT	EXP RT	(REL RT)	RESPONSE	(ug/mL)	(ug/mL)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====

* 1 Bromonitrobenzene CAS #:
4.043 4.043 (1.000) 75157317 75157317 0.10000 0.100 80.00- 120.00 100.00

\$ 3 Tetrachloro-m-xylene # CAS #: 877-09-8
5.482 5.482 (1.356) 25760622 25760622 0.03200 0.0311 80.00- 120.00 100.00

34 Aroclor-1016 CAS #: 12674-11-2
7.011 7.011 (1.734) 33064238 33064238 1.00000 0.927 80.00- 120.00 100.00
7.369 7.369 (1.823) 8567010 8567010 1.00000 0.945 21.81- 61.81 25.91
7.421 7.421 (1.836) 14012668 14012668 1.00000 0.870 57.04- 97.04 42.38
7.799 7.799 (1.929) 49978389 49978389 1.00000 0.828 244.79- 284.79 151.16
8.023 8.023 (1.985) 30547749 30547749 1.00000 0.890 130.07- 170.07 92.39
Average of Peak Amounts = 0.892

40 Aroclor-1260 CAS #: 11096-82-5
12.066 12.066 (2.985) 36057518 36057518 1.00000 0.878 80.00- 120.00 100.00
12.158 12.158 (3.007) 19329327 19329327 1.00000 0.805 36.84- 76.84 53.61
12.557 12.557 (3.106) 39029001 39029001 1.00000 0.882 84.02- 124.02 108.24
12.678 12.678 (3.136) 18561885 18561885 1.00000 0.759 29.57- 69.57 51.48
12.989 12.989 (3.213) 89381170 89381170 1.00000 0.931 196.99- 236.99 247.88
Average of Peak Amounts = 0.851

\$ 33 DCB Decachlorobiphenyl # CAS #: 2051-24-3
15.556 15.556 (3.848) 22813082 22813082 0.03200 0.0237 80.00- 120.00 100.00

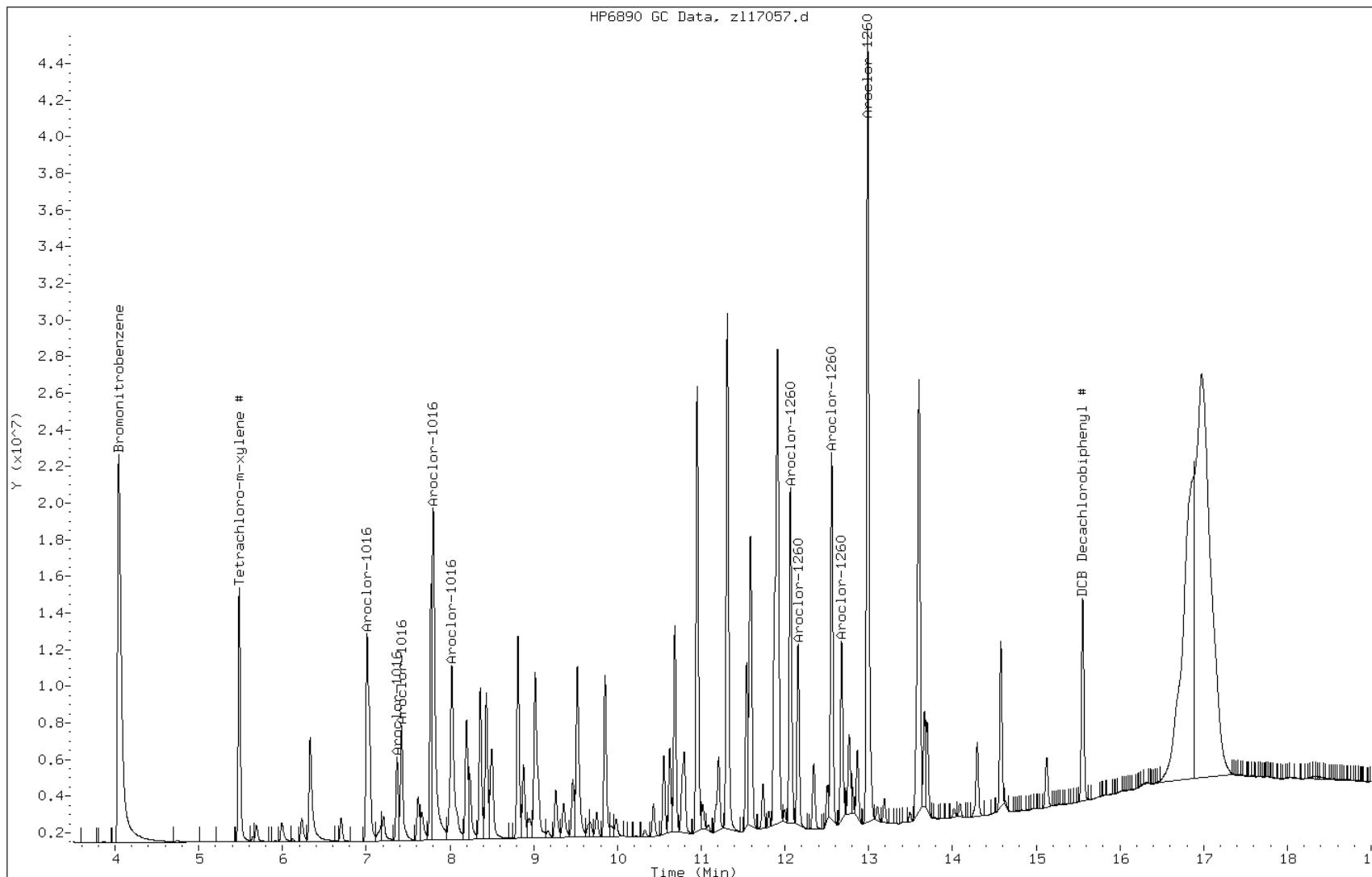
Data File: z117057.d

Date: 18-DEC-2012 11:44

Client ID:

Instrument: SGZECD2.i

Sample Info: CCV-2863045;1660-4~3Z121712~ Operator:



ATTACHMENT C

CASE NARRATIVE

CASE NARRATIVE

Client: Oneida Total Integrated Enterprises LLC
Project: 35th Avenue Superfund Site
Report Number: 680-85585-4

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 12/8/2012 9:17 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.6° C and 0.8° C.

SEMIVOLATILE ORGANIC COMPOUNDS (SOLID)

Sample HP0070 (special sample) (680-85585-36) was analyzed for Semivolatile Organic Compounds (Solid)in accordance with EPA SW-846 Method 8270D.

Method(s) 8270D: The initial calibration curve analyzed in batch 260483 was outside method criteria for the following analytes: benzaldehyde and atrazine. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analytes is considered an estimated concentration.

Method(s) 8270D: The following analytes have been identified, in the reference method and/or via historical data, to be poor and/or erratic performers: Fampur, 1,4-Napthaquinone, Methane sulfonate, Benzaldehyde, 1-naphthylamine, 2-naphthylamine, p-Dimethylamino azobenzene, p-phenylenediamine, a,a-dimethylphenethylamine, Methapyriline, 2-picoline (2-methylpyridine), 3,3'-dimethylbenzidine, 3,3'-dichlorobenzidine, Benzidine, Benzaldehyde, Benzoic acid, Dinoseb, Hexachlorophene, Hexachlorocyclopentadiene, o,o,o-triethylphosphoro-thioate. These analytes may have a %D>60% if the average %D of all the analytes in the initial calibration verification (ICV) is 30%.

Method(s) 8270D: The following sample was diluted due to the abundance of target analytes: HP0070 (special sample) (680-85585-36). As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

PCBS

Samples FM0165CC-CS (680-85585-1), FM0165DD-CS (680-85585-2), FM0165EE-CS (680-85585-3), FM0165FF-CS (680-85585-4), FM0165GG-CS (680-85585-5) and HP0070 (special sample) (680-85585-36) were analyzed for PCBs in accordance with EPA SW-846 Method 8081B_8082A.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

Method(s) 8081B/8082A: Internal standard (ISTD) response for the following sample(s) exceeded the control limit on Column one: FM0165CC-CS (680-85585-1 MS), FM0165FF-CS (680-85585-4). As such, the sample results associated with this ISTD were reported from the other column, which met ISTD acceptance criteria.

Method(s) 8081B/8082A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 259820 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8081B/8082A: Surrogate recovery for the following sample(s) was outside control limits: HP0070 (special sample) (680-85585-36). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

METALS (ICP)

Samples FM0165NN-GS (680-85585-12), HP0196A-CS-SP (680-85585-16), HP0108B-CS-SP (680-85585-18), HP0070A-CS-SP (680-85585-22), HP0070 (special sample) (680-85585-36), HP0054B-CS (680-85585-42), HP0061B-CS (680-85585-44), HP0061B-CS-D (680-85585-45), FM0165NN-GS (sieved) (680-85585-49), HP0196A-CS-SP (sieved) (680-85585-50), HP0108B-CS-SP (sieved) (680-85585-51), HP0070A-CS (sieved) (680-85585-52), HP0054B-CS (sieved) (680-85585-53) and HP0061B-CS (sieved) (680-85585-54) were analyzed for Metals (ICP) in accordance with EPA SW-846 Method 6010C.

Method(s) 6010C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and/or precision for several analytes were outside control limits. Refer to QC pages for details.

Method(s) 6010C: Due to the high concentration of barium, chromium, and lead, the matrix spike / matrix spike duplicate (MS/MSD) for batch 680-259365 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 6010C: Due to the high concentration of barium, chromium, and lead, the matrix spike / matrix spike duplicate (MS/MSD) for batch 680-259448 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 6010C: Due to the high concentration of barium and lead, the matrix spike / matrix spike duplicate (MS/MSD) for batch 680-259807 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

TOTAL MERCURY

Samples FM0165NN-GS (680-85585-12), HP0196A-CS-SP (680-85585-16), HP0108B-CS-SP (680-85585-18), HP0070A-CS-SP (680-85585-22), HP0070 (special sample) (680-85585-36), HP0054B-CS (680-85585-42), HP0061B-CS (680-85585-44), HP0061B-CS-D (680-85585-45), FM0165NN-GS (sieved) (680-85585-49), HP0196A-CS-SP (sieved) (680-85585-50), HP0108B-CS-SP (sieved) (680-85585-51), HP0070A-CS (sieved) (680-85585-52), HP0054B-CS (sieved) (680-85585-53) and HP0061B-CS (sieved) (680-85585-54) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A.

Method(s) 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for mercury in batch 132491 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. Analytical batch # 132537. HP0070 (special sample) (680-85585-36 MS), HP0070 (special sample) (680-85585-36 MSD).

Method(s) 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for mercury in batch 13249 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. Analytical batch # 132537. HP0196A-CS-SP (680-85585-16 MS), HP0196A-CS-SP (680-85585-16 MSD).

HEXAVALENT CHROMIUM

Samples HP0196A-CS-SP (680-85585-16) and HP0054B-CS (680-85585-42) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 3060A/7196A.

Method(s) 7196A: The matrix spike (MS) recoveries for batch 259749 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

ATTACHMENT D

QUALIFIED SAMPLE RESULTS

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Client Sample ID: HP0070 (special sample)

Lab Sample ID: 680-85585-36

Matrix: Solid

Lab File ID: gl2050.d

Analysis Method: 8270D

Date Collected: 12/06/2012 11:00

Extract. Method: 3546

Date Extracted: 12/18/2012 17:56

Sample wt/vol: 15.54(g)

Date Analyzed: 12/21/2012 15:19

Con. Extract Vol.: 0.5 (mL)

Dilution Factor: 100

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 22.5

GPC Cleanup:(Y/N) N

Analysis Batch No.: 260727

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	41000	U	41000	5100
208-96-8	Acenaphthylene	41000	U	41000	4500
98-86-2	Acetophenone	41000	U	41000	3500
120-12-7	Anthracene	41000	U	41000	3100
1912-24-9	Atrazine	41000	U J	41000	2900
100-52-7	Benzaldehyde	41000	U	41000	7200
56-55-3	Benzo[a]anthracene	41000	U	41000	3400
50-32-8	Benzo[a]pyrene	41000	U	41000	6500
205-99-2	Benzo[b]fluoranthene	41000	U	41000	4700
191-24-2	Benzo[g,h,i]perylene	41000	U	41000	2700
207-08-9	Benzo[k]fluoranthene	41000	U	41000	8100
92-52-4	1,1'-Biphenyl	41000	U	41000	92000
111-91-1	Bis(2-chloroethoxy)methane	41000	U	41000	4900
111-44-4	Bis(2-chloroethyl)ether	41000	U	41000	5600
108-60-1	bis (2-chloroisopropyl) ether	41000	U	41000	3700
117-81-7	Bis(2-ethylhexyl) phthalate	310000		41000	3600
101-55-3	4-Bromophenyl phenyl ether	41000	U	41000	4500
85-68-7	Butyl benzyl phthalate	41000	U	41000	3200
105-60-2	Caprolactam	41000	U	41000	8200
86-74-8	Carbazole	41000	U	41000	3700
106-47-8	4-Chloroaniline	82000	U	82000	6500
59-50-7	4-Chloro-3-methylphenol	41000	U	41000	4400
91-58-7	2-Chloronaphthalene	41000	U	41000	4400
95-57-8	2-Chlorophenol	41000	U	41000	5000
7005-72-3	4-Chlorophenyl phenyl ether	41000	U	41000	5500
218-01-9	Chrysene	41000	U	41000	2600
53-70-3	Dibenz(a,h)anthracene	41000	U	41000	4900
132-64-9	Dibenzofuran	41000	U	41000	4100
91-94-1	3,3'-Dichlorobenzidine	82000	U	82000	3500
120-83-2	2,4-Dichlorophenol	41000	U	41000	4400
84-66-2	Diethyl phthalate	41000	U	41000	4600
105-67-9	2,4-Dimethylphenol	41000	U	41000	5500
131-11-3	Dimethyl phthalate	41000	U	41000	4200
84-74-2	Di-n-butyl phthalate	41000	U	41000	3700

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Savannah

Job No.: 680-85585-4

SDG No.: 68085585-3

Client Sample ID: HP0070 (special sample)

Lab Sample ID: 680-85585-36

Matrix: Solid

Lab File ID: gl2050.d

Analysis Method: 8270D

Date Collected: 12/06/2012 11:00

Extract. Method: 3546

Date Extracted: 12/18/2012 17:56

Sample wt/vol: 15.54(g)

Date Analyzed: 12/21/2012 15:19

Con. Extract Vol.: 0.5 (mL)

Dilution Factor: 100

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 22.5

GPC Cleanup:(Y/N) N

Analysis Batch No.: 260727

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
534-52-1	4,6-Dinitro-2-methylphenol	210000	U	210000	21000
51-28-5	2,4-Dinitrophenol	210000	U	210000	100000
121-14-2	2,4-Dinitrotoluene	41000	U	41000	6100
606-20-2	2,6-Dinitrotoluene	41000	U	41000	5200
117-84-0	Di-n-octyl phthalate	100000		41000	3600
206-44-0	Fluoranthene	41000	U	41000	4000
86-73-7	Fluorene	41000	U	41000	4500
118-74-1	Hexachlorobenzene	41000	U	41000	4900
87-68-3	Hexachlorobutadiene	41000	U	41000	4500
77-47-4	Hexachlorocyclopentadiene	41000	U	41000	5100
67-72-1	Hexachloroethane	41000	U	41000	3500
193-39-5	Indeno[1,2,3-cd]pyrene	41000	U	41000	3500
78-59-1	Isophorone	41000	U	41000	4100
91-57-6	2-Methylnaphthalene	41000	U	41000	4700
95-48-7	2-Methylphenol	41000	U	41000	3400
15831-10-4	3 & 4 Methylphenol	41000	U	41000	5400
91-20-3	Naphthalene	41000	U	41000	3700
88-74-4	2-Nitroaniline	210000	U	210000	5600
99-09-2	3-Nitroaniline	210000	U	210000	5700
100-01-6	4-Nitroaniline	210000	U	210000	6100
98-95-3	Nitrobenzene	41000	U	41000	3200
88-75-5	2-Nitrophenol	41000	U	41000	5100
100-02-7	4-Nitrophenol	210000	U	210000	41000
621-64-7	N-Nitrosodi-n-propylamine	41000	U	41000	4000
86-30-6	N-Nitrosodiphenylamine	41000	U	41000	4100
87-86-5	Pentachlorophenol	210000	U	210000	41000
85-01-8	Phenanthrene	41000	U	41000	3400
108-95-2	Phenol	41000	U	41000	4200
129-00-0	Pyrene	41000	U	41000	3400
95-95-4	2,4,5-Trichlorophenol	41000	U	41000	4400
88-06-2	2,4,6-Trichlorophenol	41000	U	41000	3600

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Savannah</u>	Job No.: <u>680-85585-4</u>
SDG No.: <u>68085585-3</u>	
Client Sample ID: <u>HP0070 (special sample)</u>	Lab Sample ID: <u>680-85585-36</u>
Matrix: <u>Solid</u>	Lab File ID: <u>gl2050.d</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>12/06/2012 11:00</u>
Extract. Method: <u>3546</u>	Date Extracted: <u>12/18/2012 17:56</u>
Sample wt/vol: <u>15.54(g)</u>	Date Analyzed: <u>12/21/2012 15:19</u>
Con. Extract Vol.: <u>0.5 (mL)</u>	Dilution Factor: <u>100</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>22.5</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>260727</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	0	D	58-130
367-12-4	2-Fluorophenol (Surr)	0	D	40-130
4165-60-0	Nitrobenzene-d5 (Surr)	0	D	46-130
4165-62-2	Phenol-d5 (Surr)	0	D	49-130
1718-51-0	Terphenyl-d14 (Surr)	0	D	60-130
118-79-6	2,4,6-Tribromophenol (Surr)	0	D	58-130

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Savannah</u>	Job No.: <u>680-85585-4</u>
SDG No.: <u>68085585-3</u>	
Client Sample ID: <u>FM0165CC-CS</u>	Lab Sample ID: <u>680-85585-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z117045.d</u>
Analysis Method: <u>8081B/8082A</u>	Date Collected: <u>12/06/2012 08:55</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>12/15/2012 11:28</u>
Sample wt/vol: <u>15.46(g)</u>	Date Analyzed: <u>12/18/2012 06:56</u>
Con. Extract Vol.: <u>5 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>2 (uL)</u>	GC Column: <u>CLP I</u> ID: <u>0.32 (mm)</u>
% Moisture: <u>26.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>260421</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	44	U	44	3.8
11104-28-2	PCB-1221	88	U	88	6.3
11141-16-5	PCB-1232	44	U	44	4.4
53469-21-9	PCB-1242	44	U	44	3.7
12672-29-6	PCB-1248	44	U	44	9.5
11097-69-1	PCB-1254	44	U	44	3.0
11096-82-5	PCB-1260	44	U	44	8.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	60		54-133
877-09-8	Tetrachloro-m-xylene	68		46-130

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Savannah</u>	Job No.: <u>680-85585-4</u>
SDG No.: <u>68085585-3</u>	
Client Sample ID: <u>FM0165DD-CS</u>	Lab Sample ID: <u>680-85585-2</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z117046.d</u>
Analysis Method: <u>8081B/8082A</u>	Date Collected: <u>12/06/2012 08:58</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>12/15/2012 11:28</u>
Sample wt/vol: <u>15.36(g)</u>	Date Analyzed: <u>12/18/2012 07:20</u>
Con. Extract Vol.: <u>5 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>2 (uL)</u>	GC Column: <u>CLP I</u> ID: <u>0.32 (mm)</u>
% Moisture: <u>34.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>260421</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	49	U	49	4.3
11104-28-2	PCB-1221	100	U	100	7.2
11141-16-5	PCB-1232	49	U	49	4.9
53469-21-9	PCB-1242	49	U	49	4.2
12672-29-6	PCB-1248	49	U	49	11
11097-69-1	PCB-1254	49	U	49	3.4
11096-82-5	PCB-1260	49	U	49	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		54-133
877-09-8	Tetrachloro-m-xylene	96		46-130

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Savannah</u>	Job No.: <u>680-85585-4</u>
SDG No.: <u>68085585-3</u>	
Client Sample ID: <u>FM0165EE-CS</u>	Lab Sample ID: <u>680-85585-3</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z117047.d</u>
Analysis Method: <u>8081B/8082A</u>	Date Collected: <u>12/06/2012 09:00</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>12/15/2012 11:28</u>
Sample wt/vol: <u>15.09(g)</u>	Date Analyzed: <u>12/18/2012 07:44</u>
Con. Extract Vol.: <u>5 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>2 (uL)</u>	GC Column: <u>CLP I</u> ID: <u>0.32 (mm)</u>
% Moisture: <u>34.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>260421</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	50	U	50	4.4
11104-28-2	PCB-1221	100	U	100	7.3
11141-16-5	PCB-1232	50	U	50	5.0
53469-21-9	PCB-1242	50	U	50	4.2
12672-29-6	PCB-1248	50	U	50	11
11097-69-1	PCB-1254	50	U	50	3.5
11096-82-5	PCB-1260	50	U	50	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		54-133
877-09-8	Tetrachloro-m-xylene	69		46-130

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Savannah</u>	Job No.: <u>680-85585-4</u>
SDG No.: <u>68085585-3</u>	
Client Sample ID: <u>FM0165FF-CS</u>	Lab Sample ID: <u>680-85585-4</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z117048.d</u>
Analysis Method: <u>8081B/8082A</u>	Date Collected: <u>12/06/2012 09:20</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>12/15/2012 11:28</u>
Sample wt/vol: <u>15.38(g)</u>	Date Analyzed: <u>12/18/2012 08:08</u>
Con. Extract Vol.: <u>5 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>2 (uL)</u>	GC Column: <u>CLP II</u> ID: <u>0.32 (mm)</u>
% Moisture: <u>28.5</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>260421</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	45	U	45	4.0
11104-28-2	PCB-1221	91	U	91	6.5
11141-16-5	PCB-1232	45	U	45	4.5
53469-21-9	PCB-1242	45	U	45	3.8
12672-29-6	PCB-1248	45	U	45	9.8
11097-69-1	PCB-1254	45	U	45	3.1
11096-82-5	PCB-1260	45	U	45	9.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		54-133
877-09-8	Tetrachloro-m-xylene	107		46-130

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Savannah</u>	Job No.: <u>680-85585-4</u>
SDG No.: <u>68085585-3</u>	
Client Sample ID: <u>FM0165GG-CS</u>	Lab Sample ID: <u>680-85585-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z117049.d</u>
Analysis Method: <u>8081B/8082A</u>	Date Collected: <u>12/06/2012 09:25</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>12/15/2012 11:28</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>12/18/2012 08:32</u>
Con. Extract Vol.: <u>5 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>2 (uL)</u>	GC Column: <u>CLP I</u> ID: <u>0.32 (mm)</u>
% Moisture: <u>26.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>260421</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	45	U	45	4.0
11104-28-2	PCB-1221	91	U	91	6.6
11141-16-5	PCB-1232	45	U	45	4.5
53469-21-9	PCB-1242	45	U	45	3.8
12672-29-6	PCB-1248	45	U	45	9.8
11097-69-1	PCB-1254	45	U	45	3.1
11096-82-5	PCB-1260	45	U	45	9.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	59		54-133
877-09-8	Tetrachloro-m-xylene	54		46-130

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Savannah</u>	Job No.: <u>680-85585-4</u>
SDG No.: <u>68085585-3</u>	
Client Sample ID: <u>HP0070 (special sample)</u>	Lab Sample ID: <u>680-85585-36</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z117050.d</u>
Analysis Method: <u>8081B/8082A</u>	Date Collected: <u>12/06/2012 11:00</u>
Extraction Method: <u>3546</u>	Date Extracted: <u>12/15/2012 11:28</u>
Sample wt/vol: <u>15.18(g)</u>	Date Analyzed: <u>12/18/2012 08:56</u>
Con. Extract Vol.: <u>5(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>2(uL)</u>	GC Column: <u>CLP I</u> ID: <u>0.32(mm)</u>
% Moisture: <u>22.5</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>260421</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	42	U	42	3.7
11104-28-2	PCB-1221	85	U	85	6.1
11141-16-5	PCB-1232	42	U	42	4.2
53469-21-9	PCB-1242	42	U	42	3.6
12672-29-6	PCB-1248	42	U	42	9.2
11096-82-5	PCB-1260	2900	E p R	42	0.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	410	E X	54-133
877-09-8	Tetrachloro-m-xylene	136	X	46-130

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Client Sample ID: HP0070 (special sample)	Lab Sample ID: 680-85585-36
Matrix: Solid	Lab File ID: z117050.d
Analysis Method: 8081B/8082A	Date Collected: 12/06/2012 11:00
Extraction Method: 3546	Date Extracted: 12/15/2012 11:28
Sample wt/vol: 15.18(g)	Date Analyzed: 12/18/2012 08:56
Con. Extract Vol.: 5 (mL)	Dilution Factor: 1
Injection Volume: 2 (uL)	GC Column: CLP II ID: 0.32 (mm)
% Moisture: 22.5	GPC Cleanup:(Y/N) N
Analysis Batch No.: 260421	Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11097-69-1	PCB-1254	3900 E R		42	2.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	567	E X	54-133
877-09-8	Tetrachloro-m-xylene	167	X	46-130

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Savannah	Job No.: 680-85585-4
SDG No.: 68085585-3	
Client Sample ID: HP0070 (special sample)	Lab Sample ID: 680-85585-36 DL
Matrix: Solid	Lab File ID: j119020.d
Analysis Method: 8081B/8082A	Date Collected: 12/06/2012 11:00
Extraction Method: 3546	Date Extracted: 12/15/2012 11:28
Sample wt/vol: 15.18(g)	Date Analyzed: 12/19/2012 20:10
Con. Extract Vol.: 5 (mL)	Dilution Factor: 10
Injection Volume: 2 (uL)	GC Column: CLP II ID: 0.32 (mm)
% Moisture: 22.5	GPC Cleanup:(Y/N) N
Analysis Batch No.: 260665	Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	420 U	R	420	37
11104-28-2	PCB-1221	850 U		850	61
11141-16-5	PCB-1232	420 U		420	42
53469-21-9	PCB-1242	420 U		420	36
12672-29-6	PCB-1248	420 U		420	92
11097-69-1	PCB-1254	3400 D		420	29
11096-82-5	PCB-1260	2900 D		420	85

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D	54-133
877-09-8	Tetrachloro-m-xylene	0	D	46-130